

## Rabbit ESRRG / ERR Gamma Polyclonal Antibody | anti-ESRRG antibody

Rabbit Polyclonal to Human ESRRG / ERR Gamma

| CATALOG # | HOST   | REACTIVITY                                                                                                                   | APPLICATIONS         |
|-----------|--------|------------------------------------------------------------------------------------------------------------------------------|----------------------|
| AAA51113  | Rabbit | Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat, Zebrafish | Immunohistochemistry |

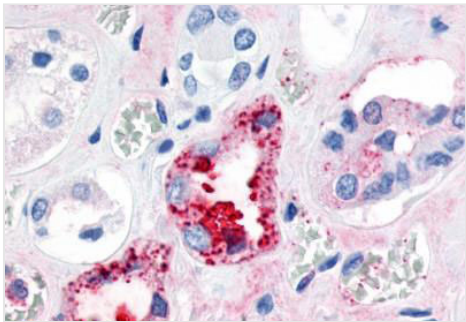
### PRODUCT SYNONYMS

ESRRG / ERR Gamma; Polyclonal Antibody; Rabbit Polyclonal to Human ESRRG / ERR Gamma; Anti-ESRRG / ERR Gamma Antibody (N-Terminus) IHC-plus; ESRRG; ERR Gamma; ERR gamma-2; ERR3; Err-gamma; NR3B3; ERG2; ERRgamma; KIAA0832; Human ESRRG; anti-ESRRG antibody

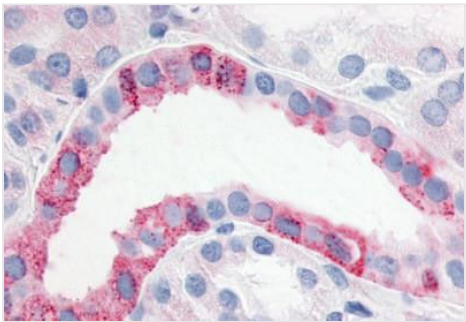
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity                                      | Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat, Zebrafish                                                                                                                                                                                                                                                                                               |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity                                     | Human ESRRG / ERR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                             | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                     | PBS, 0.1% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                                 | 458                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Applicable Applications for anti-ESRRG antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                                 |
| Target Species                                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen Description                           | Synthetic 16 amino acid peptide from near N-terminus of human ESRRG / ERR3.                                                                                                                                                                                                                                                                                                                                                |
| Immunogen Type                                  | Synthetic peptide                                                                                                                                                                                                                                                                                                                                                                                                          |
| Immunogen                                       | ESRRG / ERR Gamma antibody was raised against synthetic 16 amino acid peptide from near N-terminus of human ESRRG / ERR3. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Bat, Hamster, Elephant, Panda, Horse, Rabbit, Opossum, Turkey, Chicken, Platypus, Lizard, Xenopus, Zebrafish (100%); Medaka, Pufferfish, Stickleback (94%). |
| Antigen Modification                            | N-Terminus                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage                         | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                                                                                                                                                                                                                                           |

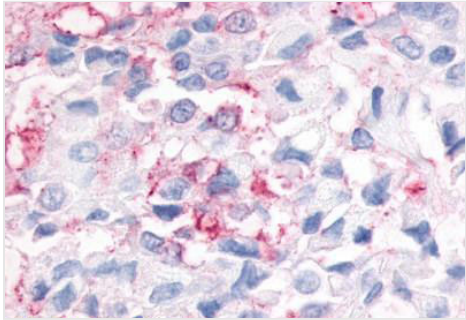
IMAGES



**IHC (Immunohistochemisry)**  
Anti-ESRRG / ERR Gamma antibody IHC of human kidney, diabetes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohiostchemistry)**  
Anti-ESRRG / ERR Gamma antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-ESRRG / ERR3 antibody IHC of human breast cancer. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ESRRG antibody | Estrogen receptor-related receptor (ERR gamma), a NR3 Steroid Receptor, has been suggested to affect differentiation of the brain, heart, and kidney. ERR gamma binds as a monomer to an extended half-site of the ERRE type (TCAAGGTCA). ERR gamma has been shown to interact with PGC-1 alpha and has been implicated in the regulation of mitochondrial energy metabolism. |
| Product Categories/Family for anti-ESRRG antibody   | Family: <a href="#">NHR</a> ; Subfamily: <a href="#">NR3 Steroid receptor</a>                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">45545433</a>                                                                                                                                                                                                                                                                                  |
| NCBI GeneID                      | <a href="#">2104</a>                                                                                                                                                                                                                                                                                      |
| NCBI Accession #                 | <a href="#">NP_001429.2</a>                                                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001438.3</a>                                                                                                                                                                                                                                                                               |
| UniProt Accession #              | <a href="#">P62508</a> ; <a href="#">O75454</a> ; <a href="#">O96021</a> ; <a href="#">Q68DA0</a> ; <a href="#">Q6P274</a> ; <a href="#">Q6PK28</a> ; <a href="#">Q6TS38</a> ; <a href="#">A8K4I0</a> ; <a href="#">A8K6I2</a> ; <a href="#">B3KY84</a> ; <a href="#">E9PGB7</a> ; <a href="#">F8W8J3</a> |
| Molecular Weight                 | 52,462 Da                                                                                                                                                                                                                                                                                                 |
| NCBI Official Full Name          | estrogen-related receptor gamma isoform 1                                                                                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | estrogen-related receptor gamma                                                                                                                                                                                                                                                                           |
| NCBI Official Symbol             | ESRRG                                                                                                                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | ERR3; NR3B3; ERRgamma                                                                                                                                                                                                                                                                                     |

|                            |                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| NCBI Protein Information   | estrogen-related receptor gamma; ERR gamma-2; estrogen receptor-related protein 3; nuclear receptor subfamily 3 group B member 3 |
| UniProt Protein Name       | Estrogen-related receptor gamma                                                                                                  |
| UniProt Gene Name          | ESRRG                                                                                                                            |
| UniProt Synonym Gene Names | ERR3; ERRG2; KIAA0832; NR3B3                                                                                                     |
| UniProt Entry Name         | ERR3_HUMAN                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/esrg-err-gamma-antibody-immunohistochemistry-elisa/51113>