

## Rabbit anti-Human ESRRB Polyclonal Antibody | anti-ESRRB antibody

ESRRB Antibody

|                              |                       |                            |                                                                                      |
|------------------------------|-----------------------|----------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA39832</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------|--------------------------------------------------------------------------------------|

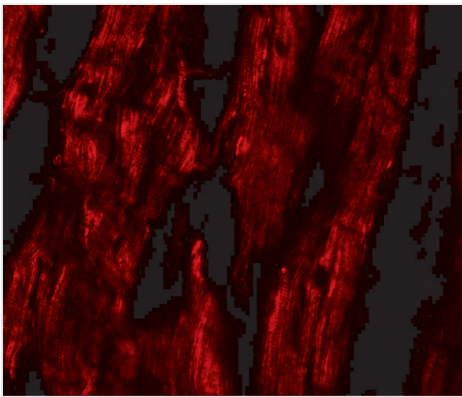
### PRODUCT SYNONYMS

ESRRB; Polyclonal Antibody; ESRRB Antibody; ERR2; ERRb; ESRL2; NR3B2; DFNB35; ERB2; Steroid hormone receptor ERR2; ERR beta-2; ERR-beta; estrogen-related receptor beta; anti-ESRRB antibody

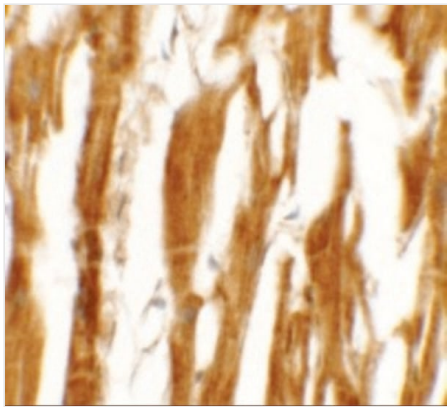
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                        |
| Reactivity                                      | Human                                                                                                                                                                                                                                         |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                    |
| Isotype                                         | IgG                                                                                                                                                                                                                                           |
| Purity/Purification                             | ESRRB Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                        |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                        |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                                                                                                                                                       |
| Sequence Length                                 | 508                                                                                                                                                                                                                                           |
| Applicable Applications for anti-ESRRB antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                 |
| Conjugate                                       | Unconjugated                                                                                                                                                                                                                                  |
| Immunogen                                       | ESRRB antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human ESRRB.                                                                                                                                 |
| Buffer                                          | ESRRB Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                              |
| Homology                                        | Predicted species reactivity based on immunogen sequence: Mouse (89%), Rat (89%)                                                                                                                                                              |
| Preparation and Storage                         | ESRRB antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

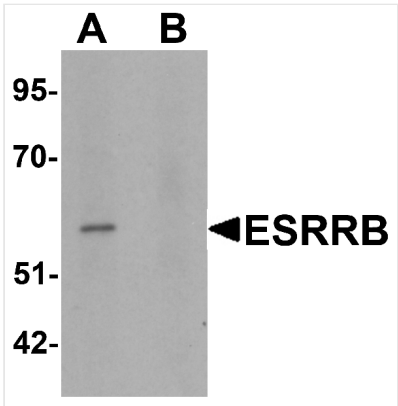
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of ESRRB in human heart tissue with ESRRB antibody at 20 µg/mL.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of ESRRB in human heart tissue with ESRRB antibody at 5 µg/mL.



**WB (Western Blot)**  
ESRRB Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRRB antibody

**ESRRB Antibody:** The estrogen-related receptor beta (ESRRB) was initially identified in mouse embryonic carcinoma stem cells and was found to be expressed exclusively in trophoblast progenitor cells between days 6.5 and 7.5 post coitum. Recent studies have shown that ESRRB is part of an POU5F1/Oct4-centered protein interaction network in embryonic stem (ES) cells. It is thought to interact with other ES transcription factors such as NANOG within this network, activating POU5F1 transcription and thereby sustaining self-renewal and pluripotency in ES cells.

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 238550159                                      |
| NCBI GeneID                      | 2103                                           |
| NCBI Accession #                 | NP_004443                                      |
| NCBI GenBank Nucleotide #        | NM_004452.3                                    |
| UniProt Accession #              | O95718; Q5F0P7; Q5F0P8; Q9HCB4; A2VDJ2; B6ZGU4 |
| NCBI Official Full Name          | steroid hormone receptor ERR2                  |
| NCBI Official Synonym Full Names | estrogen-related receptor beta                 |
| NCBI Official Symbol             | ESRRB                                          |
| NCBI Official Synonym Symbols    | ERR2; ERRb; ESRL2; NR3B2; DFNB35               |

|                            |                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Protein Information   | steroid hormone receptor ERR2; ERR-beta; ERRbeta-2; ERR beta-2; nuclear receptor ERRB2; orphan nuclear receptor; estrogen receptor-like 2; estrogen-related nuclear receptor beta; nuclear receptor subfamily 3 group B member 2 |
| UniProt Protein Name       | Steroid hormone receptor ERR2                                                                                                                                                                                                    |
| UniProt Gene Name          | ESRRB                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names | ERRB2; ESRL2; NR3B2; ERR-beta                                                                                                                                                                                                    |
| UniProt Entry Name         | ERR2_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/esrb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39832>