

## Rabbit ESRRA Polyclonal Antibody | anti-ESRRA antibody

ESRRA Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                             |
|-----------|--------|-------------------|------------------------------------------|
| AAA22180  | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Immunofluorescence |

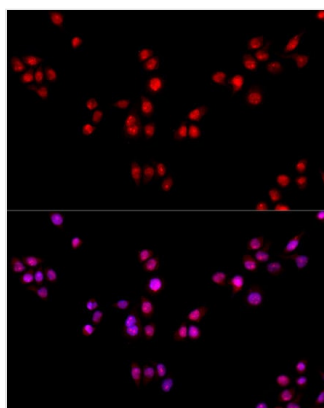
### PRODUCT SYNONYMS

ESRRA; Polyclonal Antibody; ESRRA Polyclonal Antibody; ERR1; ERRa; ERRalpha; ESRL1; NR3B1; anti-ESRRA antibody

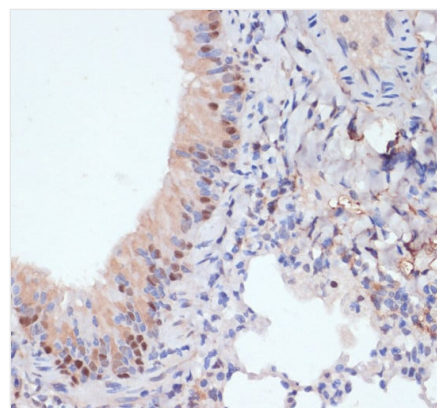
### PRODUCT SPECIFICATIONS

|                                                 |                                                        |
|-------------------------------------------------|--------------------------------------------------------|
| Host                                            | Rabbit                                                 |
| Reactivity                                      | Human, Mouse, Rat                                      |
| Clonality                                       | Polyclonal                                             |
| Isotype                                         | IgG                                                    |
| Purity/Purification                             | Affinity purification                                  |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3       |
| Concentration                                   | 1mg/mL (varies by lot)                                 |
| Applicable Applications for anti-ESRRA antibody | IHC (Immunohistochemistry), IF (Immunofluorescence)    |
| Application Notes                               | IHC: 1:50-1:200<br>IF: 1:50-1:200                      |
| Immunogen                                       | Recombinant fusion protein of human ESRRA (NP_0044423) |
| Conjugation                                     | Unconjugated                                           |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.       |

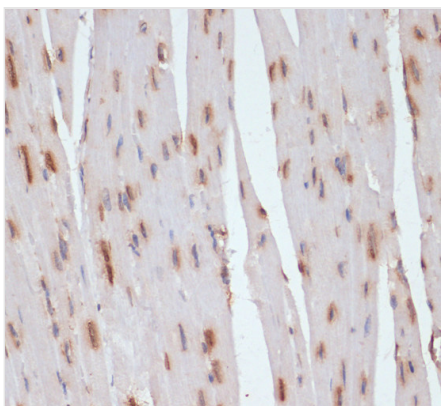
### IMAGES


**IF (Immunofluorescence)**

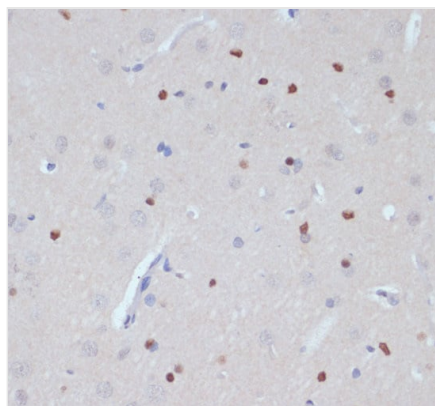
Immunofluorescence analysis of HeLa cells using ESRRA Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.


**IHC (Immunohistochemistry)**

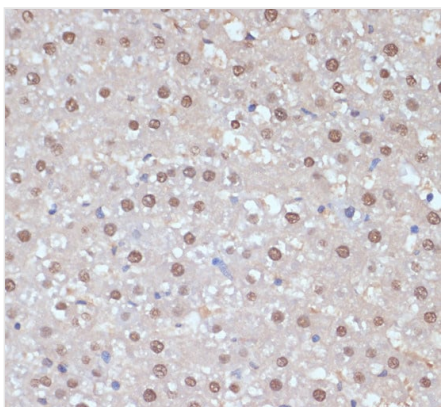
Immunohistochemistry of paraffin-embedded Mouse lung using ESRRA Polyclonal Antibody at dilution of 1:200 (40x lens).



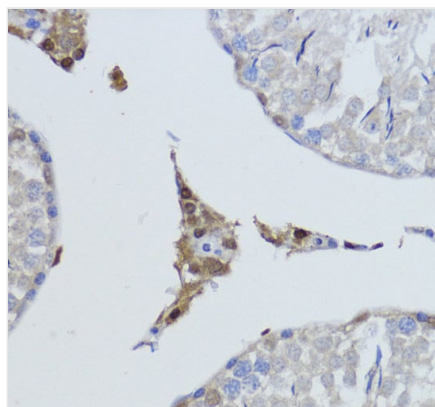
**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Mouse heart using ESRRR Polyclonal Antibody at dilution of 1:200 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Rat brain using ESRRR Polyclonal Antibody at dilution of 1:200 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Rat liver using ESRRR Polyclonal Antibody at dilution of 1:200 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Rat testis using ESRRR Polyclonal Antibody at dilution of 1:200 (40x lens).

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-ESRRR antibody</b> | The protein encoded by this gene is a nuclear receptor that is closely related to the estrogen receptor. This protein acts as a site-specific transcription regulator and has been also shown to interact with estrogen and the transcription factor TFIIIB by direct protein-protein contact. The binding and regulatory activities of this protein have been demonstrated in the regulation of a variety of genes including lactoferrin, osteopontin, medium-chain acyl coenzyme A dehydrogenase (MCAD) and thyroid hormone receptor genes. A processed pseudogene of ESRRR is located on chromosome 13q12.1. Alternatively spliced transcript variants have been found for this gene. |
| <b>Product Categories/Family for anti-ESRRR antibody</b>   | <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">215274146</a>                       |
| <b>NCBI GeneID</b>                      | <a href="#">2101</a>                            |
| <b>UniProt Accession #</b>              | <a href="#">P11474</a> ; <a href="#">Q14514</a> |
| <b>Molecular Weight</b>                 | 423                                             |
| <b>NCBI Official Full Name</b>          | Steroid hormone receptor ERR1                   |
| <b>NCBI Official Synonym Full Names</b> | estrogen-related receptor alpha                 |
| <b>NCBI Official Symbol</b>             | ESRRR                                           |
| <b>NCBI Official Synonym Symbols</b>    | ERR1; ERRa; ESRL1; NR3B1; ERRalpha              |

|                            |                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Protein Information   | steroid hormone receptor ERR1; ERR-alpha; estrogen receptor-like 1; estrogen-related nuclear receptor alpha; nuclear receptor subfamily 3 group B member 1 |
| UniProt Protein Name       | Steroid hormone receptor ERR1                                                                                                                              |
| UniProt Gene Name          | ESRRA                                                                                                                                                      |
| UniProt Synonym Gene Names | ERR1; ESRL1; NR3B1; ERR-alpha                                                                                                                              |
| UniProt Entry Name         | ERR1_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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