

## EDNRB Polyclonal Antibody | anti-EDNRB antibody

Anti-EDNRB Antibody

|                              |                                        |                                                           |
|------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA46567</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|----------------------------------------|-----------------------------------------------------------|

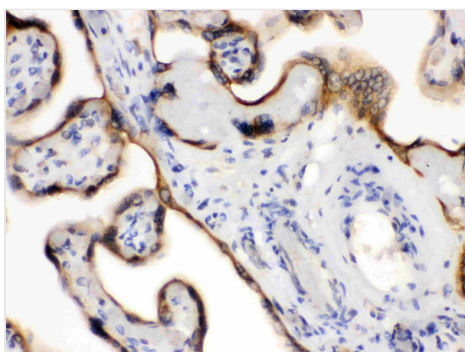
### PRODUCT SYNONYMS

EDNRB; Polyclonal Antibody; Anti-EDNRB Antibody; Endothelin B receptor; ABCDS; Ednra; Ednrb; EDNRB\_HUMAN; Endothelin B receptor precursor; Endothelin receptor Non selective type; Endothelin receptor non-selective type; Endothelin receptor type B; ET B; ET-B; ET-BR; ETB; ETBR; ETRB; Hirschsprung disease 2; HSCR; HSCR2; OTTHUMP00000018534; OTTHUMP00000178736; WS4A; endothelin receptor type B; anti-EDNRB antibody

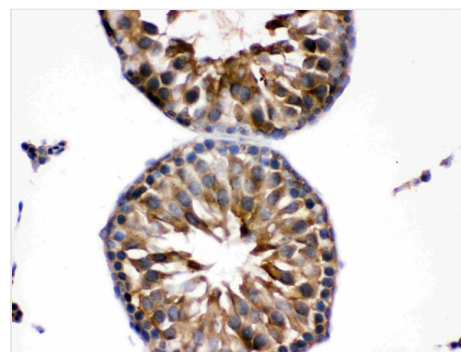
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                             | Immunogen Affinity Purified                                                                                                                                                                            |
| Form/Format                                     | Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .                                                                                |
| Sequence Length                                 | 442                                                                                                                                                                                                    |
| Applicable Applications for anti-EDNRB antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                          |
| Immunogen                                       | A synthetic peptide corresponding to a sequence at the C-terminus of human EDNRB (406-439aa QSFEEKQSLEEKQSCLKFKANDHGYDNFRSSNKY), different from the related mouse and rat sequences by one amino acid. |
| Ig Type                                         | Rabbit IgG                                                                                                                                                                                             |
| Reconstitution                                  | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                   |
| Preparation and Storage                         | At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.    |

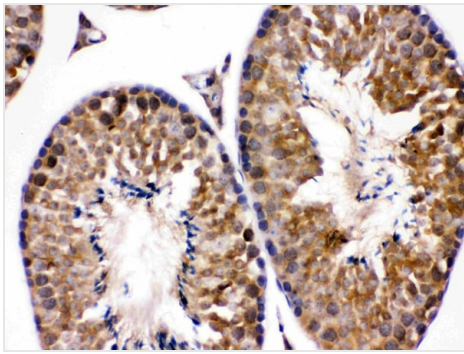
### IMAGES



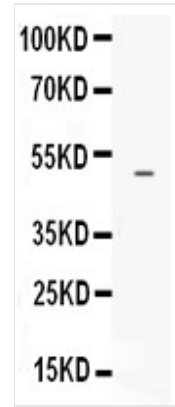
IHC (Immunohistochemistry)  
Anti- EDNRB Picoband antibody, AAA46567, IHC(P)IHC(P): Human Placenta Tissue



IHC (Immunohistochemistry)  
Anti- EDNRB Picoband antibody, AAA46567, IHC(P)IHC(P): Rat Testis Tissue



**IHC (Immunohistochemistry)**  
Anti- EDNRB Picoband antibody, AAA46567, IHC(P)IHC(P): Mouse Testis Tissue



**WB (Western Blot)**  
Anti- EDNRB Picoband antibody, AAA46567, Western blottingAll lanes: Anti EDNRB (AAA46567) at 0.5ug/mlWB: HELA Whole Cell Lysate at 40ugPredicted bind size: 50KDObserved bind size: 50KD

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-EDNRB antibody</b> | <p>Description: Rabbit IgG polyclonal antibody for Endothelin B receptor(EDNRB) detection. Tested with WB, IHC-P in Human;Mouse;Rat.</p> <p>Background: Endothelin receptor type B, also known as ETB is a protein that in humans is encoded by the EDNRB gene. The protein encoded by this gene is a G protein-coupled receptor which activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies suggest that the multigenic disorder, Hirschsprung disease type 2, is due to mutations in the endothelin receptor type B gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> |
| <b>References</b>                                          | <p>1. "Entrez Gene: EDNRB endothelin receptor type B". 2. Cyr C, Huebner K, Druck T, Kris R (November 1991). "Cloning and chromosomal localization of a human endothelin ETA receptor". Biochem. Biophys. Res. Commun. 181 (1): 184-90.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557547                                                                                                  |
| NCBI GeneID                      | 1910                                                                                                     |
| NCBI Accession #                 | NP_000106.1                                                                                              |
| NCBI GenBank Nucleotide #        | NM_000115.3                                                                                              |
| UniProt Accession #              | P24530; O15343; Q59GB1; Q5W0G9; Q8NHM6; Q8NHM7; Q8NHM8; Q8NHM9; Q9UD23; Q9UQK3; A2A2Z8; A8K3T4; AAB24922 |
| Molecular Weight                 | 59,480 Da                                                                                                |
| NCBI Official Full Name          | endothelin B receptor isoform 1                                                                          |
| NCBI Official Synonym Full Names | endothelin receptor type B                                                                               |
| NCBI Official Symbol             | EDNRB                                                                                                    |
| NCBI Official Synonym Symbols    | ETB; ET-B; ETB1; ETBR; ETRB; HSCR; WS4A; ABCDS; ET-BR; HSCR2                                             |
| NCBI Protein Information         | endothelin B receptor                                                                                    |
| UniProt Protein Name             | Endothelin B receptor                                                                                    |
| UniProt Gene Name                | EDNRB                                                                                                    |
| UniProt Synonym Gene Names       | ETRB; ET-B; ET-BR                                                                                        |

**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/ednrb-antibody-immunohistochemistry-western-blot-elisa/46567>