

## Rabbit anti-Human, Mouse EDNRB Polyclonal Antibody | anti-EDNRB antibody

EDNRB antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA303327 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

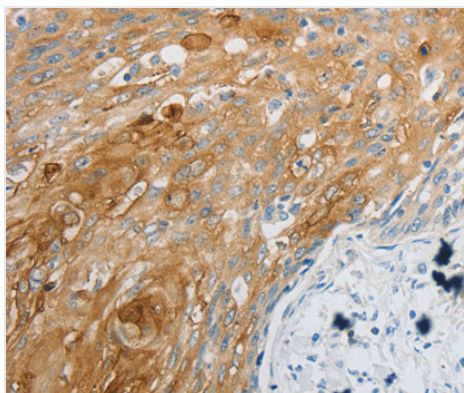
### PRODUCT SYNONYMS

EDNRB; Polyclonal Antibody; EDNRB antibody; ETB; ET-B; ETBR; ETRB; HSCR; WS4A; ABCDS; ET-BR; HSCR2; anti-EDNRB antibody

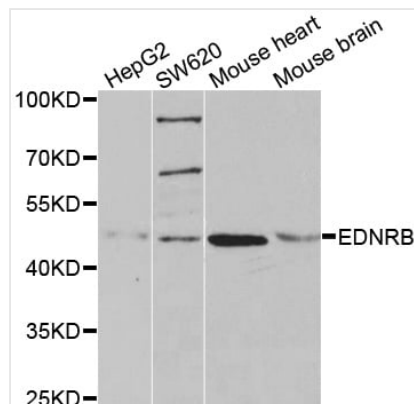
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                       |
| Reactivity                                      | Human, Mouse                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                   |
| Specificity                                     | The antibody detects endogenous level of total EDNRB antibody.                                                                                               |
| Purity/Purification                             | Antibodies were purified by affinity purification using immunogen.                                                                                           |
| Form/Format                                     | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                                                    |
| Sequence Length                                 | 442                                                                                                                                                          |
| Applicable Applications for anti-EDNRB antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                |
| Immunogen Type                                  | Peptide                                                                                                                                                      |
| Immunogen Description                           | A synthetic peptide of human EDNRB.                                                                                                                          |
| Target Name                                     | EDNRB                                                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                                                                                        |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human cervical cancer tissue t using EDNRB antibody.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using EDNRB antibody.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EDNRB antibody | 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. |
| Product Categories/Family for anti-EDNRB antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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                                                                                        |
| UniProt Entry Name               | EDNRB_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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