

Rabbit anti-Human EDNRB Polyclonal Antibody | anti-EDNRB antibody

EDNRB Antibody

CATALOG # AAA304702	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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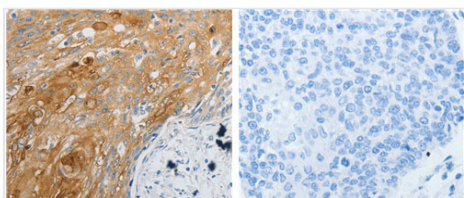
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

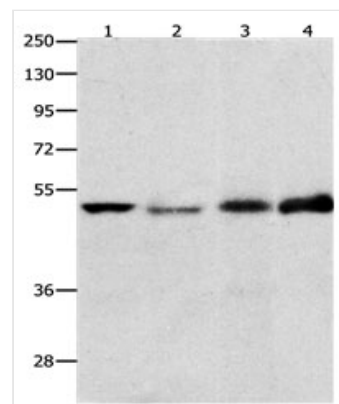
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total EDNRB protein.
Form/Format	Supplied at 1mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	436
Applicable Applications for anti-EDNRB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide peptide corresponding to a region derived from 70-84 amino acids of human endothelin receptor type B
Target Name	EDNRB
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 31191 (EDNRB Antibody) at dilution 1/30, on the right is treated with the synthetic peptide.



Application Data

Gel: 10% SDS-PAGE
Lane1: Human fetal lung tissue lysate
Lane2: Human fetal intestine tissue lysate
Lane3: Human lung tissue lysate
Lane4: Hela cell lysate
Lysates: 40ug per lane
Primary antibody: 1/500 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/5000 dilution
Exposure time: 1 minute

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 #	4503467
NCBI GeneID	1910
NCBI Accession #	NP_003982
NCBI GenBank Nucleotide #	NM_003991.3
Molecular Weight	59,480 Da
NCBI Official Full Name	endothelin B receptor isoform 2
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ednrb-antibody-immunohistochemistry-western-blot-elisa/304702>