

Rabbit EDNRB / Endothelin B Receptor Polyclonal Antibody | anti-EDNRB antibody

Rabbit Polyclonal to Human EDNRB / Endothelin B Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52218	Rabbit	Dog, Human Predicted Reactivity: Gorilla, Gibbon (at least 90% immunogen sequence identity)	Western Blot, Immunocytochemistry, Immunohistochemistry

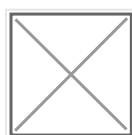
PRODUCT SYNONYMS

EDNRB / Endothelin B Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human EDNRB / Endothelin B Receptor; Anti-EDNRB / Endothelin B Receptor Antibody (N-Terminus) IHC-plus; EDNRB; ABCDS; Endothelin B receptor; Etb receptor; ET-B; Et-b receptor; Et-b-r; ET-RB; ETBR; ETRB; Etb-svr; WS4A; Endothelin receptor type B; ET-BR; ETB; HSCR; HSCR2; Human EDNRB; Endothelin B Receptor; anti-EDNRB antibody

PRODUCT SPECIFICATIONS

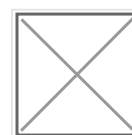
Host	Rabbit
Reactivity	Dog, Human Predicted Reactivity: Gorilla, Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human EDNRB. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except PTPN5 (68%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	442
Applicable Applications for anti-EDNRB antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human EDNRB. Percent identity with other species by BLAST analysis: Human, Dog (100%); Gorilla, Gibbon (95%); Monkey (89%); Marmoset (84%).
Immunogen Type	Synthetic peptide
Immunogen	EDNRB / Endothelin B Receptor antibody was raised against synthetic 19 amino acid peptide from N-terminal extracellular domain of human EDNRB. Percent identity with other species by BLAST analysis: Human, Dog (100%); Gorilla, Gibbon (95%); Monkey (89%); Marmoset (84%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



Transfection Control

Anti-EDNRB antibody immunocytochemistry (ICC) staining of untransfected HEK293 human embryonic kidney cells.



Transfection Control

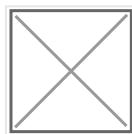
Anti-EDNRB antibody immunocytochemistry (ICC) staining of HEK293 human embryonic kidney cells transfected with EDNRB.

**IHC (Immunohistochemistry)**

Anti-EDNRB antibody IHC of human adrenal, medulla. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-EDNRB / Endothelin B Receptor antibody IHC of human Lung, Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-EDNRB / Endothelin B Receptor antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-EDNRB antibody	The Endothelin Receptor ETB is expressed in most tissues. Mutations of the receptor gene are responsible for Hirschsprung disease type 2, a multigenic disorder with phenotypes such as bicolored irides, megacolon, hypopigmentation, and hearing loss. The ETB receptor has similar affinity for all three endothelins and activates a phosphatidylinositol-calcium second messenger system.
Product Categories/Family for anti-EDNRB antibody	Family: GPCR; Subfamily: Endothelin

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; ETBR; ETRB; HSCR; WS4A; ABCDS; ET-BR; HSCR2
NCBI Protein Information	endothelin B receptor; endothelin receptor non-selective type
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.