

Rabbit EDN3 Polyclonal Antibody | anti-EDN3 antibody

EDN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325975	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

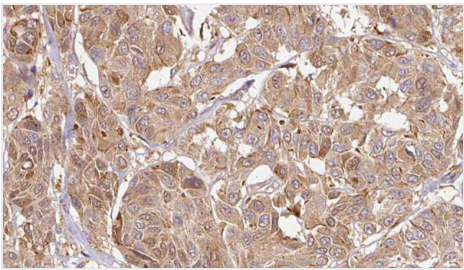
PRODUCT SYNONYMS

EDN3; Polyclonal Antibody; EDN3 Antibody; EDN3_HUMAN; Endothelin-3; ET 3; ET-3; PPET3; Preproendothelin 3; Preproendothelin-3; anti-EDN3 antibody

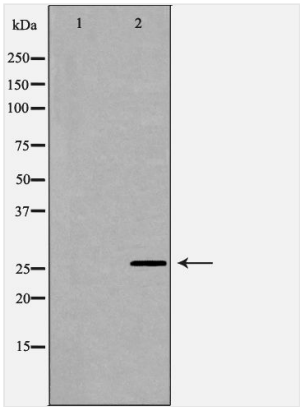
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EDN3 antibody detects endogenous levels of total EDN3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	198
Applicable Applications for anti-EDN3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EDN3
Subcellular Location	Secreted.
Tissue Specificity	Expressed in trophoblasts and placental stem villi vessels, but not in cultured placental smooth muscle cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA325975 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using EDN3 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EDN3 antibody

Description: The protein encoded by this gene is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Function: Endothelins are endothelium-derived vasoconstrictor peptides.

Similarity: Belongs to the endothelin/sarafotoxin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	698848571
NCBI GeneID	1908
NCBI Accession #	NP_001289384.1
NCBI GenBank Nucleotide #	NM_001302455.1
UniProt Accession #	P14138; Q03229; Q7Z6D2; Q9UGT7; E1P5I5
Molecular Weight	Observed: 26 kDa Predicted: 26 kDa
NCBI Official Full Name	endothelin-3 isoform 4 preproprotein
NCBI Official Synonym Full Names	endothelin 3
NCBI Official Symbol	EDN3
NCBI Official Synonym Symbols	ET3; ET-3; WS4B; HSCR4; PPET3
NCBI Protein Information	endothelin-3
UniProt Protein Name	Endothelin-3
UniProt Gene Name	EDN3
UniProt Synonym Gene Names	ET-3; PPET3

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/edn3-antibody-immunohistochemistry-western-blot-elisa/325975>