

Rabbit EDN1 Polyclonal Antibody | anti-EDN1 antibody

EDN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325910	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

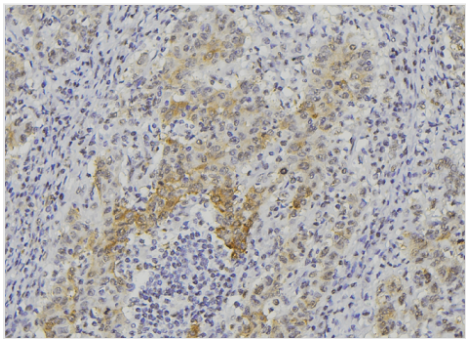
PRODUCT SYNONYMS

EDN1; Polyclonal Antibody; EDN1 Antibody; ARCND3; Big endothelin-1; EDN1_HUMAN; ET-1; ET1; HDLCQ7; PPET1; Preproendothelin 1; Preproendothelin-1; QME; anti-EDN1 antibody

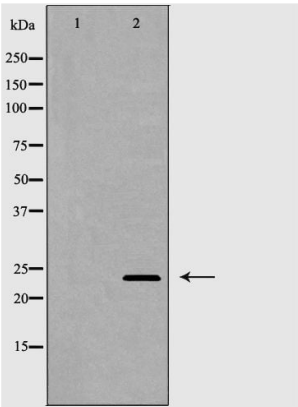
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EDN1 antibody detects endogenous levels of total EDN1
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	211
Applicable Applications for anti-EDN1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EDN1
Subcellular Location	Secreted.
Tissue Specificity	Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA325910 at 1/100 staining Human lung cancer 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 293T lysate using EDN1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EDN1 antibody

Description: EDN1, also named as Endothelin-1, PPET1 and ET-1, belongs to the endothelin/sarafotoxin family. Endothelins are endothelium-derived vasoconstrictor peptides. Emerging basic science, and animal and human data all suggest that EDN1 is a potentially important contributor in the pathobiology of fibrosing disorders, including those that affect the lung(PMID:20055532).

Function: Endothelins are endothelium-derived vasoconstrictor peptides.

Similarity: Belongs to the endothelin/sarafotoxin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	269995983
NCBI GeneID	1906
NCBI Accession #	NP_001161791.1
NCBI GenBank Nucleotide #	NM_001168319.1
UniProt Accession #	P05305; Q96DA1
Molecular Weight	Observed: 24 kDa Predicted: 25 kDa
NCBI Official Full Name	endothelin-1 isoform 2 preproprotein
NCBI Official Synonym Full Names	endothelin 1
NCBI Official Symbol	EDN1
NCBI Official Synonym Symbols	ET1; QME; PPET1; ARCND3; HDLCQ7
NCBI Protein Information	endothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	PPET1; ET-1

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.