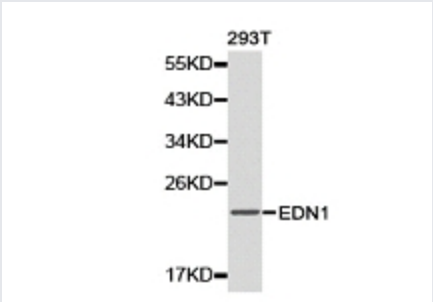
EDN1 Antibody – Rabbit

PRODUCT OVERVIEW

Product Name	EDN1, Antibody
Full Product Name	EDN1 Antibody
Product Gene Name	anti-EDN1 antibody
Product Synonym Names	EDN1; ET1; HDLCQ7
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity purification
Preparation and Storage	Store at-20 degree C or-80 degree C. Avoid freeze/thaw cycles.
Molecular Weight	24kDa
OMIM	131240
3D Structure	ModBase 3D Structure for P05305
Immunogen	Recombinant protein of human EDN1
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Product Categories/Family for anti-EDN1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EDN1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-EDN1 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-EDN1 antibody	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).
Other Notes	Small volumes of anti-EDN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EDN1 purchase	MBS8503845 is an antibody targeting EDN1. Also known as EDN1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-EDN1 antibody
Western blot analysis of 293T cell lysate using EDN1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EDN1. It may not necessarily be applicable to this product.

NCBI GI #	269995983
NCBI GeneID	1906
NCBI Accession #	NP_001161791.1
UniProt Primary Accession #	P05305
UniProt Secondary Accession #	Q96DA1
UniProt Related Accession #	P05305
GenBank Nucleotide #	NM_001168319.1
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
UniProt Protein Name	Endothelin-1
UniProt Synonym Protein Names	Preproendothelin-1; PPET1
Protein Family	Endothelin
UniProt Gene Name	EDN1
UniProt Synonym Gene Names	PPET1; ET-1
NCBI Protein Information	endothelin-1
NCBI Summary for EDN1	This gene encodes a preproprotein that is proteolytically processed to generate a secreted peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]
UniProt Comments for EDN1	Endothelins are endothelium-derived vasoconstrictor peptides.
Research Articles on EDN1	**1.** We provided some ways of distinguishing Retinal vein occlusion (RVO)patients in practice and introduced the vasoactivity of the vein itself and the possible involvement of vasoconstrictors such as ET-1 for the pathogenesis of RVO through our clinical studies, some animal experiments, and recent literatures.
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