

Anti-EDN1 / Endothelin 1 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18630**Specification**

Anti-EDN1 / Endothelin 1 Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P05305
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	24425

Anti-EDN1 / Endothelin 1 Antibody - Additional Information**Gene ID** 1906Alias Symbol **EDN1****Other Names**

EDN1, Endothelin 1, Endothelin-1, ET1, Preproendothelin-1, PPET1, HDLCQ7

Target/Specificity

Human EDN1 / Endothelin 1

Reconstitution & Storage

Affinity purified

Precautions

Anti-EDN1 / Endothelin 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-EDN1 / Endothelin 1 Antibody - Protein Information**Name** EDN1**Function**

Endothelins are endothelium-derived vasoconstrictor peptides (By similarity). Probable ligand for G-protein coupled receptors EDNRA and EDNRB which activates PTK2B, BCAR1, BCAR3 and, GTPases RAP1 and RHOA cascade in glomerular mesangial cells (PubMed:19086031). Also binds the DEAR/FBXW7-AS1 receptor (PubMed:17446437). Promotes mesenteric arterial wall remodeling via activation of ROCK signaling and subsequent colocalization of NFATC3 with F-actin filaments (By similarity). NFATC3 then translocates to the nucleus where it subsequently promotes the transcription of the smooth muscle hypertrophy and differentiation marker ACTA2 (By similarity).

Cellular Location

Secreted.

Tissue Location

Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells

Anti-EDN1 / Endothelin 1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-EDN1 / Endothelin 1 Antibody - Images