

Product datasheet for **AP02048PU-S**

Endothelin 1 (EDN1) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA (1/10000). Immunohistochemistry on Crysections. Immunohistochemistry on Paraffin Sections (1/10).
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Human Big Endothelin, KLH conjugated
Specificity:	This antibody detects Big Endothelin (aa 1-38) (100%), Big Endothelin Fragment (aa 22-38) (< 98%), Endothelin 1 (< 1%), Endothelin 2 (< 1%), Endothelin 3 (< 1%), Sarafotoxin (< 1%), ANP (< 1%).
Formulation:	0.05 M Borate buffer pH 8,5 State: Purified State: Lyophilized purified IgG fraction from Serum
Reconstitution Method:	Restore in 100 µl aqua bidest.
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	endothelin 1
Database Link:	Entrez Gene 1906 Human P05305



[View online »](#)

Background: Endothelins (ET) show potent constrictor activity in vascular and non-vascular smooth muscle. This family of 21-amino acid peptides exists in at least three isoforms - ET-1, ET-2, and ET-3, and is produced in endothelial and epithelial cells. ET's can mediate biological effects in cells and tissues, and have been shown to bind to an ET receptor in the lung, kidney, heart, and liver. Endothelin 1 is expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.

Synonyms: PPET1, EDN1, ET1, HDLCQ7, EDN1