

## Product datasheet for **TA364227**

### Endothelin 1 (EDN1) Rabbit Polyclonal Antibody

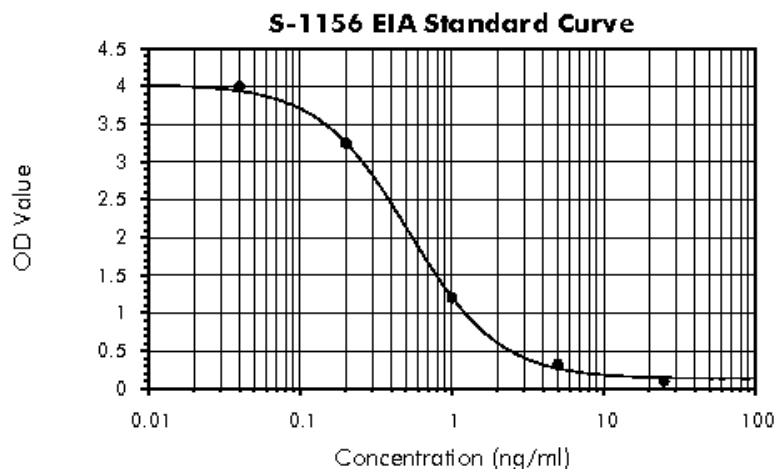
#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Big Endothelin-1 Fragment (22-38). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Val-Asn-Thr-Pro-Glu-His-Val-Val-Pro-Tyr-Gly-Leu- Gly-Ser-Pro-Arg-Ser-NH <sub>2</sub> coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	endothelin 1
Database Link:	<a href="#">Entrez Gene 1906 Human P05305</a>
Background:	Big Endothelin-1 (Big ET), is a 38-amino-acid peptide and biological precursor of the potent vasoconstrictor Endothelin-1. It is cleaved to yield endothelin-1 and the C-terminal fragment (22-38) via the activity of a membrane-bound metalloproteinase called endothelin-converting enzyme (ECE). Endothelin is produced by several cell types including vascular endothelial cells, Mesangial cells and kidney cells. Big Endothelin-1 can be hydrolyzed by chymase to generate endothelin 1 (1-21) in vitro. This antibody was generated by immunization of rabbits with Big Endothelin-1 Fragment (22- 38) coupled to a carrier protein.
Synonyms:	ET1; HDLCQ7; PPET1; Preproendothelin-1



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## Product images:



Typical titration curve of Endothelin-1 in a competitive ELISA with this antibody