

Product datasheet for **TA363914**

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 Endothelin-1 and in immunohistochemistry (IHC). Other applications like FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Bovine, Dog, Mouse, Porcine, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Cys-Ser-Cys-Ser-Ser-Leu-Met-Asp-Lys-Glu-Cys- Val-Tyr-Phe-Cys-His-Leu-Asp-Ile-Ile-Trp-OH (Disulfide bonds between Cys1 and Cys15/Cys3 and Cys11) coupled to carrier protein.
Formulation:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% Na ₃ N, and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
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:	Entrez Gene 1906 Human P05305



[View online »](#)

- Background:** Endothelin-1 is a potent vasoconstrictor produced by vascular endothelial cells. It plays an important role in regulation of cardiovascular functions. The binding of Endothelin-1 to its G-protein coupled receptor triggers a signal transduction cascade leading to activation of the protein kinase C (PKC). PKC inhibitor potentially reverses the up-regulation of Endothelin-1. The enhanced Endothelin-1 expression associated with the activation of PKC occurs in early diabetes. This antibody was generated by immunization of rabbits with Endothelin-1 coupled to a carrier protein.
- Synonyms:** ET1; HDLCQ7; PPET1; Preproendothelin-1