

Product datasheet for **TA343125**

Endothelin 3 (EDN3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EDN3 antibody: synthetic peptide directed towards the C terminal of human EDN3. Synthetic peptide located within the following region: LHFCTQTLDVSSNSRTAEKTDKEEEGKVRGANRGLCQRRLKSRTNKASRL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	24 kDa
Gene Name:	endothelin 3
Database Link:	NP_996915 Entrez Gene 1908 Human P14138



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Background:

The protein encoded by this gene is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed.

Synonyms:

ET-3; ET3; HSCR4; PPET3; WS4B

Note:

Immunogen Sequence Homology: Human: 100%; Pig: 85%

Protein Families:

Druggable Genome, Secreted Protein

Product images: