

EDN3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13088a**Specification**

EDN3 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P14138](#)**EDN3 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 1908**Other Names**

Endothelin-3, ET-3, Preproendothelin-3, PPET3, EDN3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EDN3 Antibody (N-term) Blocking peptide - Protein Information**Name** EDN3**Function**

Endothelins are endothelium-derived vasoconstrictor peptides.

Cellular Location

Secreted.

Tissue Location

Expressed in trophoblasts and placental stem villi vessels, but not in cultured placental smooth muscle cells

EDN3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

EDN3 Antibody (N-term) Blocking peptide - Images

EDN3 Antibody (N-term) Blocking peptide - 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.

EDN3 Antibody (N-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Darrah, R., et al. Physiol. Genomics 41(1):71-77(2010) Sanchez-Mejias, A., et al. Genet. Med. 12(1):39-43(2010) Broasca, V., et al. Rom J Morphol Embryol 51(2):283-288(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)