



EDN3 Polyclonal Antibody

E91045

Catalog Number: E91045**Amount:** 100ul

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. [provided by RefSeq, Jul 2008]

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: EDN3;ET3;MGC15067;MGC61498 ;**Immunogen:** Recombinant protein of human EDN3**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC**Molecular Weight:** 26kDa**Swiss-Prot No. :** P14138**Gene ID:** 1908

WB 1:500 - 1:2000

IHC 1:50- 1:200

Western blot analysis of extracts of various cell lines,
using EDN3 antibody.

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