

A13974

Leader in Biomolecular Solutions for Life Science



EDN3 Rabbit pAb

Catalog No.: A13974

Basic Information

Observed MW

Calculated MW
25kDa

Category

Mouse Monoclonal Antibody

Applications

ELISA

Cross-Reactivity

Mouse

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. Altered expression of this gene is implicated in tumorigenesis. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

Immunogen Information

Gene ID

1908

Swiss Prot

P14138

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 17-238 of human EDN3 (NP_996917.1).

Synonyms

ET3; ET-3; WS4B; HSCR4; PPET3; EDN3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.