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Datasheet for ABIN3030805

anti-Endothelin 3 antibody (AA 168-197)

2 Images

Overview

Quantity:	0.4 mL
Target:	Endothelin 3 (EDN3)
Binding Specificity:	AA 168-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endothelin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 168-197 from the human protein was used as the immunogen for this EDN3 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Endothelin 3 (EDN3)
Alternative Name:	EDN3 (EDN3 Products)
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

Target Details

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.

UniProt: [P14138](#)

Pathways: [Hormone Transport, Negative Regulation of Hormone Secretion, Regulation of Systemic Arterial Blood Pressure by Hormones](#)

Application Details

Application Notes: Titration of the EDN3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

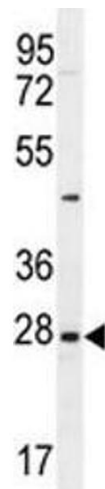
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

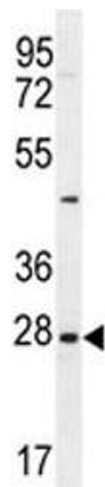
Storage: -20 °C

Storage Comment: Aliquot the EDN3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. EDN3 antibody western blot analysis in NCI-H460 lysate



Western Blotting

Image 2. EDN3 antibody western blot analysis in NCI-H460 lysate