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Datasheet for ABIN655169

anti-Endothelin 3 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	Endothelin 3 (EDN3)
Binding Specificity:	AA 168-197, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endothelin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This EDN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168-197 amino acids from the C-terminal region of human EDN3.
Clone:	RB18967
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Target Details

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.

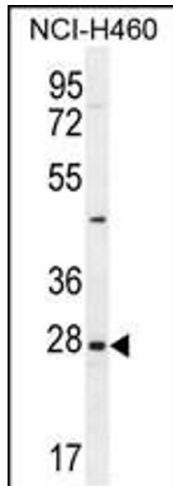
Molecular Weight:	25454
Gene ID:	1908
NCBI Accession:	NP_000105 , NP_996915 , NP_996916 , NP_996917
UniProt:	P14138
Pathways:	Hormone Transport , Negative Regulation of Hormone Secretion , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. EDN3 Antibody (C-term) (ABIN655169 and ABIN2837855) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the EDN3 antibody detected the EDN3 protein (arrow).