

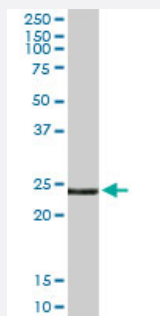
MaxPab®

EDN3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001908-D01P

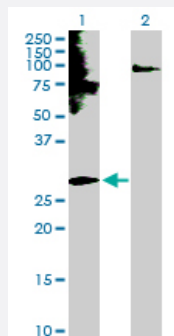
Size 100 ug

Applications



Western Blot (Tissue lysate)

EDN3 MaxPab rabbit polyclonal antibody. Western Blot analysis of EDN3 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of EDN3 expression in transfected 293T cell line ([H00001908-T01](#)) by EDN3 MaxPab polyclonal antibody.

Lane 1: EDN3 transfected lysate(25.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human EDN3 protein.

Immunogen

EDN3 (NP_000105.1, 1 a.a. ~ 238 a.a) full-length human protein.

Sequence

MEPGLWLLFGLTVTSAAGFVPCSQSGDAGRRGVSQAPTAARSEGDCEETVAGPGGEETVAGPG
EGTVAPTALQGPSPGSPGQEQAAGAPEHHRSSRCTCFTYKDKECVYYCHLDIWINTP EQTPY
GLSNYRGSFRGKRSAGPLPGNLQLSHRPHLRACVGRYDKACLFCTQTLDVSSNSRTAEKTDK
EEEGKVEVKDQQSKQALDLHHPKLMPGSGLALAPSTCPRCLFQEGAP

Host

Rabbit

Reactivity

Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — EDN3

Entrez GeneID	1908
GeneBank Accession#	NM_000114.2
Protein Accession#	NP_000105.1
Gene Name	EDN3
Gene Alias	ET3, MGC15067, MGC61498
Gene Description	endothelin 3
Omim ID	131242 142623 209880 277580
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

OTTHUMP00000031420|truncated endothelin 3

Pathway

- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cystic Fibrosis](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Sleep Apnea](#)