

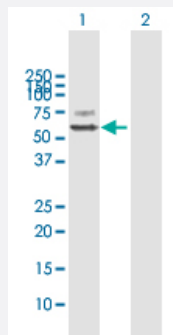
MaxPab®

VNN1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008876-D01

Size 100 uL

Applications

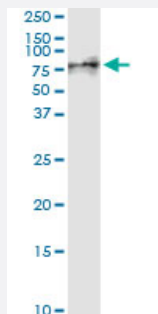


Western Blot (Transfected lysate)

Western Blot analysis of VNN1 expression in transfected 293T cell line ([H00008876-T02](#)) by VNN1 MaxPab polyclonal antibody.

Lane 1: VNN1 transfected lysate(57.00 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of VNN1 transfected lysate using anti-VNN1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with VNN1 purified MaxPab mouse polyclonal antibody (B01P) ([H00008876-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human VNN1 protein.

Immunogen

VNN1 (NP_004657.1, 1 a.a. ~ 513 a.a) full-length human protein.

Sequence

MTTQLPAYVAILLFYVSRASCQDTFIAAVYEHAAILPNATLTPVSREEALALMNRNLDILEGAITSAAD
QGAHIIVTPEDAYGWNFNDRSLPYLEDIPDPEVNWIPCNNRNRFGQTPVQERLSCLAKNNSIYVV
ANIGDKKPCDTS DPQCPPDGRYQYNTDVVFDSQGKLVARYHKQNLFMGENQFNVPKEPEVTFN
TTFGSFGIFTCFDILFHDPVAVTLVKDFHVDTVFPTAWMNVLPPLSAVEFHSAWAMGMRVNFLAS
NIHYPSSKMTGSGIYAPNSSRAFHDMKTEEGKLLLSQLD SHPSHSAVVNWTSYASSIEALSSGNK
EFKGT VFFDEFTFVKLTGVAGNYTVCQKDLCCCHLSYKMS ENIPNEVYALGAFDGLHTVEGRYLLQI
CTLLKCKTTNLNLCGDSAETASTRFEMFSLSGTGTQYVFPEVLLSENQLAPGEFQVSTDGRLFS
LKPTSGPVLTVTLFGRLYEKDWASNASSGLTAQARIIMLIVAPIVCSLSW

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — VNN1

Entrez GeneID	8876
GeneBank Accession#	NM_004666.1
Protein Accession#	NP_004657.1
Gene Name	VNN1
Gene Alias	HDLCQ8, MGC116930, MGC116931, MGC116932, MGC116933, Tiff66
Gene Description	vanin 1
Omim ID	603570
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the vanin family of proteins, which share extensive sequence similarity with each other, and also with biotinidase. The family includes secreted and membrane-associated proteins, a few of which have been reported to participate in hematopoietic cell trafficking. No biotinidase activity has been demonstrated for any of the vanin proteins, however, they possess pantetheinase activity, which may play a role in oxidative-stress response. This protein, like its mouse homolog, is likely a GPI-anchored cell surface molecule. The mouse protein is expressed by the perivascular thymic stromal cells and regulates migration of T-cell progenitors to the thymus. This gene lies in close proximity to, and in the same transcriptional orientation as, two other vanin genes on chromosome 6q23-q24. [provided by RefSeq]

Other Designations

OTTHUMP00000017227|Vannin 1|pantetheinase

Pathway

- [Pantothenate and CoA biosynthesis](#)

Disease

- [Hypertension](#)