

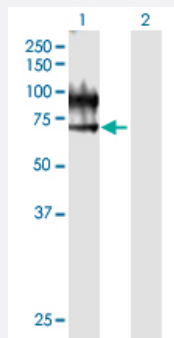
MaxPab®

VNN1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008876-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of VNN1 expression in transfected 293T cell line ([H00008876-T01](#)) by VNN1 MaxPab polyclonal antibody.

Lane1:VNN1 transfected lysate(56.43 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse 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 QGAHIIVTPEDAIYGWNFNRDSLYPYLEDIPDPEVNWIPCNNRNRFGQTPVQERLSCLAKNNSIYVV ANIGDKKPCDTS DPQCPPDGRYQYNTDVVFDSQGKL VARYHKQNLFMGENQFNVPKEPEMTFN TTFGSFGIFTCTFDILFHDP AVTLVKDFHVDTVFPTAWMNVLP HLSAVEFHSAWAMGMRVNFLAS NIHYP SKMTGSGIYAPNSSRAFH YDMKTEEGKLLLSQLD SHPSHSAVVNWTSYASSIEALSSGNK EFKGT VFFDEFTFVKLTGVAGNYTVCQKDLCC HLSYKMS ENIPNEVYALGAFDGLHTVEGRYLLQI CTLLKCKTTNLNTCGDSAETASTRFEMFSLSGTFGTQYVFPEVLLSENQLAPGEFQVSTDGRLFS LKPTSGPVLT VTLFGRLYEKDWASNASSGLTAQARIIMLVIAPIVCSLSW
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (78)
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](#)

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](#)