

DNAPAb

Hard-to-Find
Antibody

VNN1 DNAPAb

Catalog # H00008876-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human VNN1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MTTQLPAYVAILLFYVSRASCQDTFIAAVYEHAAILPNATLTPVSREEALALMNRNLDILEGAITSAAD QGAHIIVTPEDAIYGWNFNDRSLYPYLEDIPDPEVNWIPCNNRNRFGQTPVQERLSCLAKNNSIYVV ANIGDKKPCDTS DPQCPPDGRYQYNTDVVFD SQGKL VARYHKQNLFMGENQFNVPKEPEVTFN TTFGSFGIFTCFDILFHDP AVTLVKDFHVD TMFPTAWMNVLP HLSAVEFHSAWAMGMRVNFLAS NIHYP SKMTGSGIYAPNSSRAFH YDMKTEEGKLLLSQLD SHPSHSAVVNWTSYASSIEALSSGNK EFKGT VFFDEFTFVKLTGVAGNYTVCQKDLCC HLSYKMS ENIPNEVYALGAFDGLHTVEGRYYLQI CTLLKCKTTNLNTCGDSAETASTRFEMFSLSGTFGTQYVFPEVLLSENQLAPGEFQVSTDGRLFS LKPTSGPVLTVTLFGRLYEKDWASNASSGLTAQARIIMLVIAPIVCSLSW
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)