

VNN1 rabbit monoclonal antibody

Catalog # H00008876-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human VNN1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human VNN1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human VNN1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — VNN1

Entrez GeneID	8876
GeneBank Accession#	VNN1
Gene Name	VNN1
Gene Alias	HDLCQ8, MGC116930, MGC116931, MGC116932, MGC116933, Tiff66
Gene Description	vanin 1
Omim ID	603570
Gene Ontology	Hyperlink
Gene Summary	<p>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</p>
Other Designations	OTTHUMP00000017227 Vannin 1 pantetheinase

Pathway

- [Pantothenate and CoA biosynthesis](#)

Disease

- [Hypertension](#)