

VNN2 rabbit monoclonal antibody

Catalog # H00008875-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human VNN2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human VNN2 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 VNN2 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 — VNN2

Entrez GeneID [8875](#)

GeneBank Accession# [VNN2](#)

Gene Name VNN2

Gene Alias FOAP-4, GPI-80

Gene Description vanin 2

Omim ID [603571](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene product is 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. The encoded protein is a GPI-anchored cell surface molecule that plays a role in transendothelial migration of neutrophils. This gene lies in close proximity to, and in same transcriptional orientation as two other vanin genes on chromosome 6q23-q24. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations

GPI-80 variant protein 1|GPI-80 variant protein 2|GPI-80 variant protein 3|GPI-80 variant protein 4|Vannin 2|pantetheinase

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)