

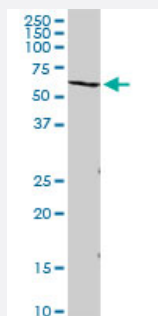
MaxPab®

# VNN2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008875-B01P

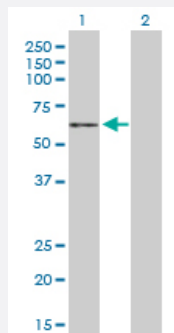
Size 50 ug

## Applications



### Western Blot (Cell lysate)

VNN2 MaxPab polyclonal antibody. Western Blot analysis of VNN2 expression in HeLa.



### Western Blot (Transfected lysate)

Western Blot analysis of VNN2 expression in transfected 293T cell line ([H00008875-T01](#)) by VNN2 MaxPab polyclonal antibody.

Lane1:VNN2 transfected lysate(51.37 KDa).

Lane2:Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human VNN2 protein.

### Immunogen

VNN2 (NP\_511043.1, 1 a.a. ~ 467 a.a) full-length human protein.

### Sequence

MNENIDILETAIKQAAEQGARIVTPEDALYGWKFTRETVFPYLEDIPDPQVNWIPCQDPHRFGHTPV  
QARLSCLAKDNSIYVLANLGDKKPCNSRDSTCPPNGYFQYNTNVVYNTGKLVARYHKYHLYSEP  
QFNVPEKPELVTFNTAFGRFGIFTCFDIFFYDPGVTLVKDFHVDLTFPTAWMNVLP LLTAIEFHSA  
WAMGMGVNLLVANTHHVSLNMTGSGIYAPNGPKVYHYDMKTEL GKLLLSEVD SHPLSSLAYPTA  
VWNWYATTIKPFPVQKNTFRGFISRDGFNFTELFENAGNLTV CQKELCCHLSYRMLQKEENEVY  
VLGAFTGLHGRRRREYWQVCTMLKCKTTNLTTCGRPVETASTRFEMFSLSGTFGTEYVFPEVLLT  
EHLSPGKFV LKDGRLVNKNGSSGPILTVSLFGRWYTKDSLYSSCGTSNSAITYLLIFILLMIALQNI  
VML

Host	Mouse
Reactivity	Human
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](#)

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[Protocol Download](#)

## Gene Info — VNN2

Entrez GeneID	<a href="#">8875</a>
GeneBank Accession#	<a href="#">NM_078488.1</a>
Protein Accession#	<a href="#">NP_511043.1</a>
Gene Name	VNN2
Gene Alias	FOAP-4, GPI-80
Gene Description	vanin 2
Omim ID	<a href="#">603571</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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**

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