

Rabbit VNN3 Polyclonal Antibody | anti-VNN3 antibody

VNN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40598	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

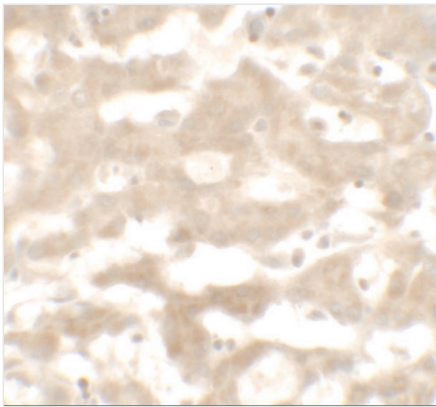
PRODUCT SYNONYMS

VNN3; Polyclonal Antibody; VNN3 Antibody; HSA238982; Vascular non-inflammatory molecule 3; Vanin-3; vanin 3; anti-VNN3 antibody

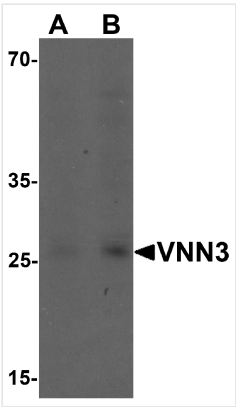
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of VNN3 are known to exist.
Purity/Purification	VNN3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	501
Applicable Applications for anti-VNN3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	VNN3 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human VNN3.
Buffer	VNN3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	VNN3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of VNN3 in human liver tissue with VNN3 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of VNN3 in human brain tissue lysate with VNN3 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-VNN3 antibody	VNN3 Antibody: The vanin family is a novel group of ectoenzymes that function in tissue repair and plays a role in oxidative-stress response. As both secreted and membrane proteins, the vanin family members have been implicated as therapeutic targets in inflammatory disease. VNN3 (vascular non-inflammatory molecule 3), also known as Vanin3, is a 501 amino acid GPI-anchored amidohydrolase that is widely expressed and is found at highest levels in blood and liver. Induced by Th17 / Th1 type cytokines, VNN3 converts pantetheine into pantothenic acid. Containing one CN hydrolase domain, VNN3 is encoded by a gene that maps to human chromosome 6q23.2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88952267
NCBI GeneID	55350
UniProt Accession #	Q9NY84; Q3SX90; Q9BQY2; B2DFY0; B2DFY1; B2DFY3; B2DFY5; B2DFY6; B2DFY7; B2DFY8
Molecular Weight	55 kDa
NCBI Official Full Name	Vascular non-inflammatory molecule 3
NCBI Official Synonym Full Names	vanin 3
NCBI Official Symbol	VNN3
NCBI Official Synonym Symbols	HSA238982
NCBI Protein Information	vascular non-inflammatory molecule 3; vanin-3; vanin 1 pseudogene; pantetheinase pseudogene; pantetheinase-associated gene expressed in leukocytes (PAGEL)-alpha
UniProt Protein Name	Vascular non-inflammatory molecule 3
UniProt Gene Name	VNN3
UniProt Synonym Gene Names	Vanin-3
UniProt Entry Name	VNN3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.