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VNN1 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22056a

Specification

VNN1 Antibody (N-Term) - Product Information

Application	**WB,E**
Primary Accession	O95497
Other Accession	Q9TSX8, Q9Z0K8
Reactivity	**Human, Mouse**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**57012**

VNN1 Antibody (N-Term) - Additional Information

Gene ID 8876

Other Names
Pantetheinase, 3.5.1.92, Pantetheine hydrolase, Tiff66, Vascular non-inflammatory molecule 1, Vanin-1, VNN1

Target/Specificity
This VNN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 143-175 amino acids from human VNN1.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
VNN1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

VNN1 Antibody (N-Term) - Protein Information

Name VNN1

Function Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in

D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine.

Cellular Location
Cell membrane; Lipid-anchor, GPI-anchor

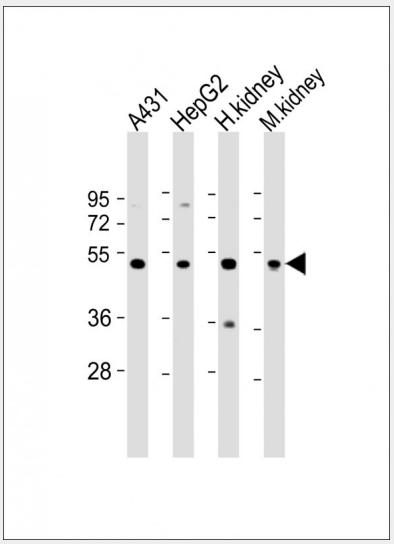
Tissue Location
Widely expressed with higher expression in spleen, kidney and blood. Overexpressed in lesional psoriatic skin

VNN1 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

VNN1 Antibody (N-Term) - Images



All lanes : Anti-VNN1 Antibody (N-Term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: human kidney lysate Lane 4: mouse kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

VNN1 Antibody (N-Term) - Background

Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine.

VNN1 Antibody (N-Term) - References

Galland F.,et al.Genomics 53:203-213(1998).

Prehn S.,et al.Submitted (OCT-1995) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Maras B.,et al.FEBS Lett. 461:149-152(1999).