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VNN1 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22056a

Product Information

Application	WB, E
Primary Accession	O95497
Other Accession	Q9TSX8, Q9Z0K8
Reactivity	Human, Mouse
Predicted	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55343
Calculated MW	57012

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 E~~Use at an assay dependent concentration.
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.

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

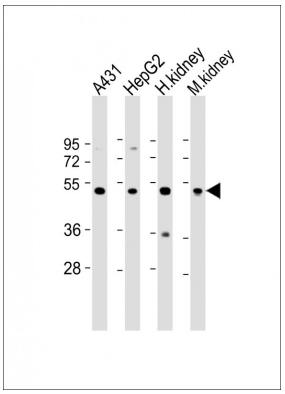
Background

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

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).

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.