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Datasheet for ABIN6991763 **anti-VNN3 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	VNN3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VNN3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	VNN3 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human VNN3. The immunogen is located within the last 50 amino acids of VNN3.
Isotype:	IgG
Specificity:	Multiple isoforms of VNN3 are known to exist.
Purification:	VNN3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	VNN3
Alternative Name:	VNN3 (VNN3 Products)
Background:	VNN3 Antibody: The vanin family is a novel group of ectoenzymes that function in tissue repair

Target Details

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.

Molecular Weight: 55 kDa

Gene ID: 55350

UniProt: [Q9NY84](#)

Application Details

Application Notes: VNN3 antibody can be used for detection of VNN3 by Western blot at 0.5 and 1 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: VNN3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: VNN3 antibody can be stored at 4°C for three months and -20°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.