

Anti-VNN3 Antibody

Catalog Number: A10601

About VNN3

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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Overview

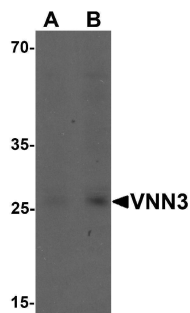
Product Name	Anti-VNN3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-VNN3 Antibody (Catalog # A10601). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	VNN3 Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	VNN3 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NY84

Technical Details

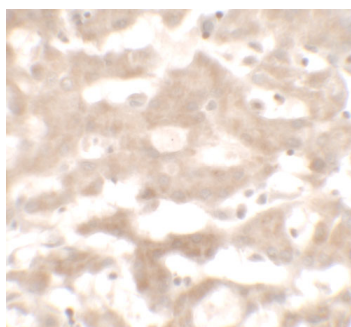
Immunogen	VNN3 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human VNN3. The immunogen is located within the last 50 amino acids of VNN3.
Predicted Reactive Species	Bovine
Cross Reactivity	Multiple isoforms of VNN3 are known to exist.

Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	VNN3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	VNN3 antibody can be used for detection of VNN3 by Western blot at 0.5 and 1 ug/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-VNN3 Antibody (A10601) Images



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



Immunohistochemistry of VNN3 in human liver tissue with VNN3 antibody at 5 ug/mL.

Anti-VNN3 Antibody

For Research Use Only. Not for use in diagnostic procedures.