

Datasheet for ABIN2788913
anti-VNN2 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	VNN2
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Horse, Sheep, Zebrafish (Danio rerio), Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VNN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	FRGFISR DGF N FTELFENAG NLTVCQKELC CHLSYRMLQK EENEVYVLGA
Predicted Reactivity:	Cow: 79%, Dog: 89%, Horse: 86%, Human: 100%, Pig: 93%, Sheep: 86%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against VNN2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	VNN2
Alternative Name:	VNN2 (VNN2 Products)
Background:	This gene product is a member of the Vanin family of proteins that share extensive sequence similarity with each other, and also with biotinidase. The family includes secreted and

Target Details

membrane-associated proteins, a few of which have been reported to participate in hematopoietic cell trafficking. No biotinidase activity has been demonstrated for any of the vanin proteins, however, they possess pantetheinase activity, which may play a role in oxidative-stress response. The encoded protein is a GPI-anchored cell surface molecule that plays a role in transendothelial migration of neutrophils. This gene lies in close proximity to, and in same transcriptional orientation as two other vanin genes on chromosome 6q23-q24. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Alias Symbols: FOAP-4, GPI-80

Protein Interaction Partner: ITGB2,

Protein Size: 520

Molecular Weight: 57 kDa

Gene ID: 8875

NCBI Accession: [NM_004665](#), [NP_004656](#)

UniProt: [O95498](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 520 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

