

VNN1 Rabbit Polyclonal Antibody

Catalog No: #54761

Package Size: #54761-1 50ul #54761-2 100ul

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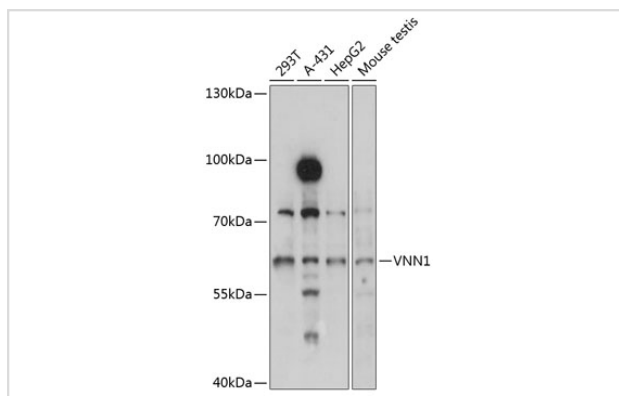
Description

Product Name	VNN1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human VNN1 (NP_004657.2).
Other Names	VNN1;HDLCQ8;Tiff66;vanin 1
Accession No.	Swiss Prot:O95497GeneID:8876
Calculated MW	57kDa
SDS-PAGE MW	60kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using VNN1 at 1:3000 dilution.

Background

This gene encodes a member of the vanin family of proteins, which share extensive sequence similarity with each other, and also with biotinidase. The family includes secreted and 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. This protein, like its mouse homolog, is likely a GPI-anchored cell surface molecule. The mouse protein is expressed by the perivascular thymic stromal cells and regulates migration of T-cell progenitors to the thymus. This gene lies in close proximity to, and in the same transcriptional orientation as, two other vanin genes on chromosome 6q23-q24.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.