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Datasheet for ABIN1683272
anti-VNN1 antibody (AA 300-415)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | VNN1 |
| Binding Specificity: | AA 300-415 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VNN1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 300-415 of human VNN1 (NP_004657.2). |
| Sequence: | LLSQLDSHPS HSAVVNWTSY ASSIEALSSG NKEFKGTVFF DEFTFVKLTG VAGNYTVCQK DLCCHLSYKM SENIPNEVYA LGAFDGLHTV EGRYYLQICT LLKCKTTNLN TCGDSA |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Polyclonal Antibodies |

Target Details

| | |
|---------|------|
| Target: | VNN1 |
|---------|------|

Target Details

Alternative Name: [VNN1 \(VNN1 Products\)](#)

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.,VNN1,HDLCQ8,Tiff66,vanin 1,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Stem Cells,Mesenchymal Stem Cells,Cardiovascular,Blood,Blood Pressure regulation,VNN1

Molecular Weight: 57 kDa

Gene ID: 8876

UniProt: [O95497](#)

Pathways: [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

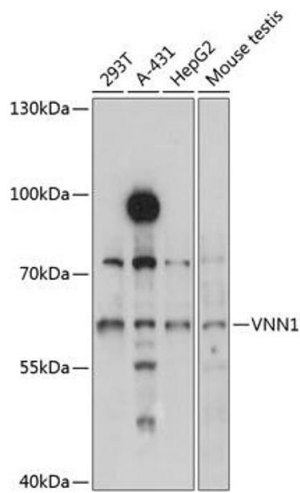
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

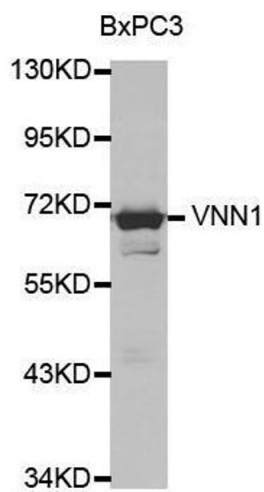
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using VNN1 antibody (ABIN1683272, ABIN3017737, ABIN3017738 and ABIN6220225) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using VNN1 antibody.