

Datasheet for ABIN6991808
anti-VTCN1 antibody (AA 70-120)



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Overview

Quantity:	0.1 mg
Target:	VTCN1
Binding Specificity:	AA 70-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VTCN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Rabbit polyclonal VTCN1 antibody was raised against an 18 amino acid peptide near the center of human VTCN1. The immunogen is located within amino acids 70 - 120 of VTCN1.
Isotype:	IgG
Purification:	VTCN1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	VTCN1
Alternative Name:	VTCN1 (VTCN1 Products)
Background:	VTCN1 Antibody: T cell immunity plays a critical role in host immune surveillance of tumour cell growth and metastatic spread. VTCN1, also known as B7-H4, is a member of the B7 family of immune regulatory molecules. Expressed primarily on the membrane of lymphoid cells, VTCN1

Target Details

is an immunoinhibitory protein that interacts with receptors on the surface of T lymphocytes, thus mediating cellular and humoral immune responses. Overexpression of VTCN1 is associated with certain malignancies, including ovarian and breast cancer, which may be a mechanism by which tumour cells suppress T cell immunity and facilitate tumour progression. VTCN1 may thus be a useful biomarker for the early detection of ovarian cancer.

Molecular Weight: Predicted: 31 kDa

Gene ID: 79679

NCBI Accession: [NP_078902](#)

UniProt: [Q7Z7D3](#)

Application Details

Application Notes: VTCN1 antibody can be used for detection of VTCN1 by Western blot at 1 - 2 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: VTCN1 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: VTCN1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.