

Datasheet for ABIN1077428
anti-VTCN1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	VTCN1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
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.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	VTCN1
Alternative Name:	VTCN1 (VTCN1 Products)
Background:	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 is an immunoinhibitory protein that interacts with receptors on the surface of T lymphocytes, thus

Target Details

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.

Synonyms: V-set domain containing T cell activation inhibitor 1, T cell costimulatory molecule B7x, B7-H4, B7H4, B7S1, B7X

Molecular Weight:	31 kDa (calculated)
-------------------	---------------------

Gene ID:	79679
----------	-------

NCBI Accession:	NP_078902
-----------------	---------------------------

Application Details

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

Comment:	(IN) V-set domain containing T cell activation inhibitor 1
----------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	1 mg/mL
----------------	---------

Buffer:	PBS containing 0.02 % Sodium azide.
---------	-------------------------------------

Preservative:	Sodium azide
---------------	--------------

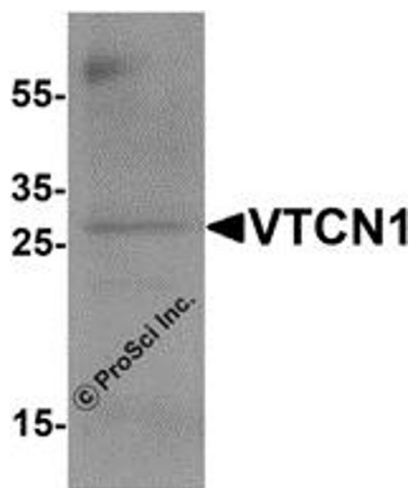
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
------------------	--

Storage:	4 °C/-20 °C
----------	-------------

Storage Comment:	VTCN1 antibody can be stored at 4 °C for three months. At -20 °C stable for up to one year.
------------------	---

Expiry Date:	12 months
--------------	-----------



Western Blotting

Image 1.