

Product datasheet for **TA320018**

B7H4 (VTCN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal VTCN1 antibody was raised against an 18 amino acid peptide near the center of human VTCN1.
Formulation:	VTCN1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	VTCN1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	V-set domain containing T cell activation inhibitor 1
Database Link:	NP_078902 Entrez Gene 79679 Human Q7Z7D3

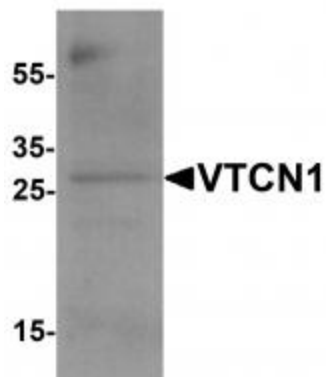
Background: VTCN1 Antibody: T cell immunity plays a critical role in host immune surveillance of tumour cell growth and metastatic spread. VTCN1, also known as B7-H4, is a member of the B7 family of immune regulatory molecules. Expressed primarily on the membrane of lymphoid cells, VTCN1 is an immunoinhibitory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



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Synonyms: B7-H4; B7h.5; B7H4; B7S1; B7X; PRO1291; VTCN1

Product images:



Western blot analysis of VTCN1 in EL4 cell lysate with VTCN1 antibody at 1 ug/mL.