



[Go to Product page](#)

Datasheet for ABIN6150157  
**anti-VTCN1 antibody (AA 100-260)**

1 Image

Overview

Quantity:	100 µL
Target:	VTCN1
Binding Specificity:	AA 100-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VTCN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 100-260 of human B7-H4/VTCN1 (NP_078902.2).
Sequence:	RTAVFADQVI VGNASLRLKN VQLTDAGTYK CYIITSKGKG NANLEYKTGA FSMPEVNVDY NASSETLRCE APRWFPQPTV VWASQVDQGA NFSEVSNTSF ELNSENVTMK VSVLYNVTI NNTYSCMIEN DIAKATGDIK VTSEIKRRS HLQLLNSKAS L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	VTCN1
---------	-------

## Target Details

---

Alternative Name: [VTCN1 \(VTCN1 Products\)](#)

---

Background: This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.,VTCN1,B7-H4,B7H4,B7S1,B7X,B7h.5,PRO1291,VCTN1,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,Immunology & Inflammation,Cytokines,Interleukins,Cell Intrinsic Innate Immunity Signaling Pathway,VTCN1

---

Molecular Weight: 9 kDa/18 kDa/20 kDa/30 kDa

---

Gene ID: 79679

---

UniProt: [Q7Z7D3](#)

---

## Application Details

---

Application Notes: WB,1:500 - 1:2000

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

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.

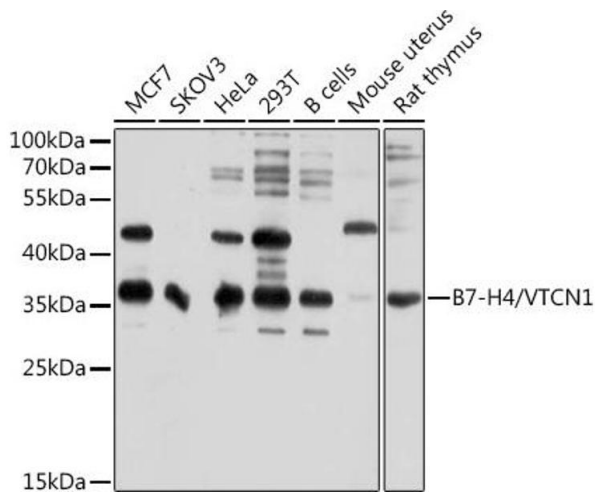
---

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 B7-H4/VTCN1 antibody (ABIN6129975, ABIN6150157, ABIN6150158 and ABIN6214657) at 1:1000 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: 10s.