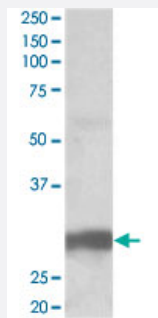


# VTCN1 polyclonal antibody

Catalog # PAB7331      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

VTCN1 polyclonal antibody (Cat # PAB7331) (0.5 ug/mL) staining of human pancrease lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of VTCN1.
<b>Immunogen</b>	A synthetic peptide corresponding to internal region of human VTCN1.
<b>Sequence</b>	C-SKGKGNANLEYK
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	30.9
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:64000) Western Blot (0.5-1.5 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

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

## Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — VTCN1

**Entrez GeneID**[79679](#)**Protein Accession#**[NP\\_078902.2](#)**Gene Name**

VTCN1

**Gene Alias**

B7-H4, B7H4, B7S1, B7X, B7h.5, FLJ22418, PRO1291, RP11-229A19.4, VCTN1

**Gene Description**

V-set domain containing T cell activation inhibitor 1

**Omim ID**[608162](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

B7H4 belongs to the B7 family (see CD80; MIM 112203) of costimulatory proteins. These proteins are expressed on the surface of antigen-presenting cells and interact with ligands (e.g., CD28; MIM 186760) on T lymphocytes.[supplied by OMIM]

**Other Designations**

OTTHUMP00000013947|T cell costimulatory molecule B7x|immune costimulatory protein B7-H4

## Publication Reference

- [B7-H4 expression in renal cell carcinoma and tumor vasculature: associations with cancer progression and survival.](#)

Krambeck AE, Thompson RH, Dong H, Lohse CM, Park ES, Kuntz SM, Leibovich BC, Blute ML, Cheville JC, Kwon ED.  
PNAS 2006 Jul; 103(27):10391.

Application: IHC-Fr, Human, Human renal cell carcinoma

## Disease

- [Arthritis](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)