

Datasheet for ABIN657734

**anti-VPS4B antibody (C-Term)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	VPS4B (vps4b)
Binding Specificity:	AA 304-332, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This VPS4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-332 amino acids from the C-terminal region of human VPS4B.
Clone:	RB32061
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	VPS4B (vps4b)
Alternative Name:	VPS4B ( <a href="#">vps4b Products</a> )
Background:	The protein encoded by this gene is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. The former share a high degree of aa

## Target Details

sequence similarity with each other, and also with yeast Vps4 and mouse Skd1 proteins. Mouse Skd1 (suppressor of K<sup>+</sup> transport defect 1) has been shown to be a yeast Vps4 ortholog. Functional studies indicate that both human paralogs associate with the endosomal compartments, and are involved in intracellular protein trafficking, similar to Vps4 protein in yeast. The gene encoding this paralog has been mapped to chromosome 18, the gene for the other resides on chromosome 16. [provided by RefSeq].

Molecular Weight: 49302

Gene ID: 9525

NCBI Accession: [NP\\_004860](#)

UniProt: [O75351](#)

Pathways: [Microtubule Dynamics](#), [CXCR4-mediated Signaling Events](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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: 4 °C, -20 °C

Storage Comment: VPS4B Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months

## Publications

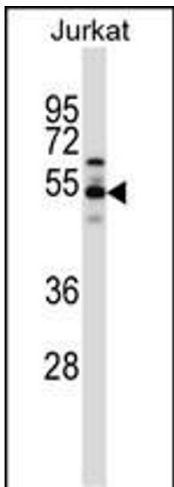
Product cited in: Yang, Yang, Li, Liu, Zou, Yuan, Xu: "Overexpression of FZD1 and CAIX are Associated with Invasion, Metastasis, and Poor-Prognosis of the Pancreatic Ductal Adenocarcinoma." in:

**Pathology oncology research : POR**, Vol. 24, Issue 4, pp. 899-906, (2018) ([PubMed](#)).

Zheng, Ma, Sun, Yin, Lin, Liu, Xu, Zeng: "Butaselen prevents hepatocarcinogenesis and progression through inhibiting thioredoxin reductase activity." in: **Redox biology**, Vol. 14, pp. 237-249, (2018) ([PubMed](#)).

Wang, Huang, Zheng, Wang, Li, Zhang, Yang: "Concurrent chemoradiotherapy with low-dose docetaxel inhibits the growth of DU-145 prostate cancer xenografts." in: **Clinical & translational oncology : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico**, Vol. 16, Issue 6, pp. 567-72, (2014) ([PubMed](#)).

Liu, Wang, Kwong, Lui, Friedman, Li, Lam, Zhang, Zhang, Ye: "Inhibition of PDGF, TGF- $\beta$ , and Abl signaling and reduction of liver fibrosis by the small molecule Bcr-Abl tyrosine kinase antagonist Nilotinib." in: **Journal of hepatology**, Vol. 55, Issue 3, pp. 612-25, (2011) ([PubMed](#)).



Western Blotting

**Image 1.** VPS4B Antibody (C-term) (ABIN657734 and ABIN2846719) western blot analysis in Jurkat cell line lysates (35  $\mu$ g/lane). This demonstrates the VPS4B antibody detected the VPS4B protein (arrow).