

Datasheet for ABIN7271279
anti-VPS4B antibody (AA 1-130)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	VPS4B (vps4b)
Binding Specificity:	AA 1-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS4B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	VPS4B Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of human VPS4B (NP_004860.2).
Sequence:	MSSTSPNLQK AIDLASKAAQ EDKAGNYEEA LQLYQHAVQY FLHVVKYEAQ GDKAKQSIRA KCTEYLDRAE KLKEYLKNKE KKAQKPVKEG QPSPADEKGN DSDGEGESDD PEKKKLQNQL QGAIVIERPN
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

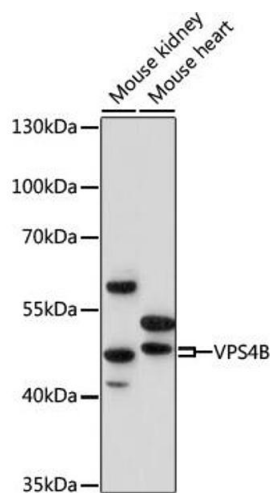
Target:	VPS4B (vps4b)
Alternative Name:	VPS4B (vps4b Products)
Background:	<p>The protein encoded by this gene is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. The former share a high degree of aa sequence similarity with each other, and also with yeast Vps4 and mouse Skd1 proteins. Mouse Skd1 (suppressor of K⁺ 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.,VPS4B,MIG1,SKD1,SKD1B,VPS4-2,Signal Transduction,VPS4B</p>
Molecular Weight:	49kDa
Gene ID:	9525
UniProt:	O75351
Pathways:	Microtubule Dynamics , CXCR4-mediated Signaling Events

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 VPS4B antibody (ABIN7271279) 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: 30s.