

Datasheet for ABIN6243379
anti-VPS4A antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	VPS4A
Binding Specificity:	AA 44-77, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS4A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This VPS4A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 44-77amino acids from the N-terminal region of human VPS4A.
Clone:	RB49739
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	VPS4A
Alternative Name:	VPS4A (VPS4A Products)

Target Details

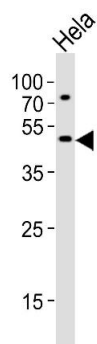
Background:	Involved in late steps of the endosomal multivesicular bodies (MVB) pathway. Recognizes membrane-associated ESCRT-III assemblies and catalyzes their disassembly, possibly in combination with membrane fission. Redistributes the ESCRT-III components to the cytoplasm for further rounds of MVB sorting. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. In conjunction with the ESCRT machinery also appears to function in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and enveloped virus budding (HIV-1 and other lentiviruses). Involved in cytokinesis.
Molecular Weight:	48898
UniProt:	Q9UN37
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
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of lysate from HeLa cell line, using VPS4A Antibody (N-term) (ABIN6243379 and ABIN6577499). (ABIN6243379 and ABIN6577499) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.