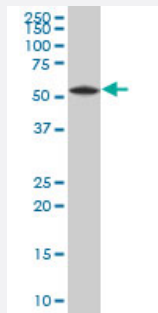


VPS4B polyclonal antibody (A01)

Catalog # H00009525-A01

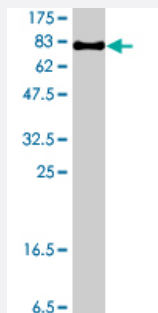
Size 50 uL

Applications



Western Blot (Cell lysate)

VPS4B polyclonal antibody (A01), Lot # 051206JC01 Western Blot analysis of VPS4B expression in Y-79 (Cat # L042V1).



Western Blot detection against Immunogen (74.95 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant VPS4B.
Immunogen	VPS4B (AAH39574, 1 a.a. ~ 444 a.a) full-length recombinant protein with GST tag.
Sequence	MSSTSPNLQKAIDLASKAAQEDKAGNYEEALQLYQHAVQYFLHVVKYEAQGDKAKQSIRAKCTEY LDRAEKLKEYLKNKEKKAQKPVKEGQPSPADEKGNDSGDGEGESDDPEKKKLQNQLQGAMIERP NVKWSDVAGLEGAKEALKEAVILPIKFPHLFTGKRTPWRGILLFGPPGTGKSYLAKAVATEANNST FFSISSSDLVSKWLGESEKLVKNLFQLARENKPSIIFIDEIDSLCGSRSENESEAARRIKTEFLVQM QGVGVDNDGILVLGATNIPWVLDSAIRRRFEKRYMPLPEPHARAAMFKLHLGTTQNSLTEADFREL GRKTDGYSGADISIVRDALMQPVRKVQSATHFKKVRGPSRADPNHLVDDLLTPCSPGDPGAIEM TWMDVPGDKLLEPVVMSDMLRSLSNKPTVNEHDLLKLLKFTEDFGQEG
Host	Mouse

Reactivity	Human
Interspecies Antigen Sequence	Rat (95)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (74.95 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

VPS4B polyclonal antibody (A01), Lot # 051206JC01 Western Blot analysis of VPS4B expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — VPS4B

Entrez GeneID	9525
GeneBank Accession#	BC039574
Protein Accession#	AAH39574
Gene Name	VPS4B
Gene Alias	MIG1, SKD1, VPS4-2
Gene Description	vacuolar protein sorting 4 homolog B (S. cerevisiae)
Omim ID	609983
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

cell migration-inducing 1|suppressor of K⁺ transport defect 1|vacuolar protein sorting 4B|vacuolar protein sorting factor 4B

Publication Reference

- [Identification of an AAA ATPase VPS4B-Dependent Pathway That Modulates Epidermal Growth Factor Receptor Abundance and Signaling during Hypoxia.](#)

Lin HH, Li X, Chen JL, Sun X, Cooper FN, Chen YR, Zhang W, Chung Y, Li A, Cheng CT, Yang L, Deng X, Liu X, Yen Y, Johnson DL, Shih HM, Yang A, Ann DK.

Molecular and Cellular Biology 2012 Jan; 32(6):1124.

Application: WB-Ce, Human, HEK293, SKBR3, Pa-4

- [The ESCRT System Is Required for Hepatitis C Virus Production.](#)

Ariumi Y, Kuroki M, Maki M, Ikeda M, Dansako H, Wakita T, Kato N.

PLoS One 2011 Jan; 6(1):e14517.

Application: WB, Human, Huh7 cells

Pathway

- [Endocytosis](#)