

anti- VPS4B antibody

Product Information

Catalog No.:	FNab09446
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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). VPS4A/B are required for the exosomal release of SDCBP, CD63 and syndecan(PubMed:22660413).

Immunogen information

Immunogen:	vacuolar protein sorting 4 homolog B(S. cerevisiae)
Synonyms:	MIG1, Protein SKD1, SKD1, VPS4 2, VPS42, VPS4B
Observed MW:	50 kDa
Uniprot ID :	O75351

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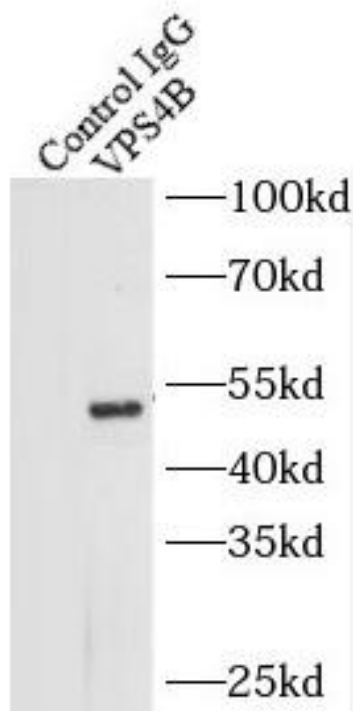
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF, IP

Recommended dilution: WB: 1:500-1:5000; IP: 1:500-1:5000; IF: 1:10-1:100

Image:



IP Result of anti-VPS4B (IP:FNab09446, 4ug;
Detection:FNab09446 1:1000) with HeLa cells
lysate 880ug.

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Y79 cells were subjected to SDS PAGE followed by western blot with FNab09446(VPS4B antibody) at dilution of 1:500

