

anti- VPS11 antibody

Product Information

Catalog No.:	FNab09426
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

Plays a role in vesicle-mediated protein trafficking to lysosomal compartments including the endocytic membrane transport and autophagic pathways. Believed to act as a core component of the putative HOPS and CORVET endosomal tethering complexes which are proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The HOPS complex is proposed to be recruited to Rab7 on the late endosomal membrane and to regulate late endocytic, phagocytic and autophagic traffic towards lysosomes. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations(PubMed:11382755, PubMed:23351085, PubMed:24554770, PubMed:25266290, PubMed:25783203). Required for fusion of endosomes and autophagosomes with lysosomes(PubMed:25783203). Involved in cargo transport from early to late endosomes and required for the transition from early to late endosomes(PubMed:21148287). Involved in the retrograde Shiga toxin transport(PubMed:23593995).

Immunogen information

Immunogen:	vacuolar protein sorting 11 homolog(<i>S. cerevisiae</i>)
Synonyms:	END1, hVPS11, PEP5, RING finger protein 108, RNF108, VPS11

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Observed MW: 108kDa
Uniprot ID : Q9H270

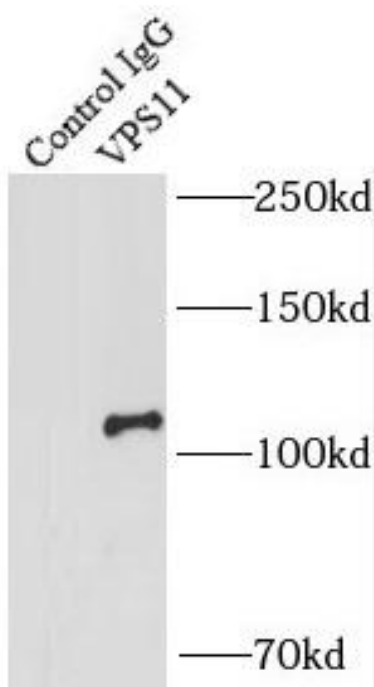
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF, FC, IP

Recommended dilution: WB: 1:500-1:5000; IF: 1:10-1:100; IP: 1:200-1:2000; FC:N/A

Image:



IP Result of anti-VPS11 (IP:FNab09426, 4ug;
Detection:FNab09426 1:500) with HEK-293 cells
lysate 1480ug.

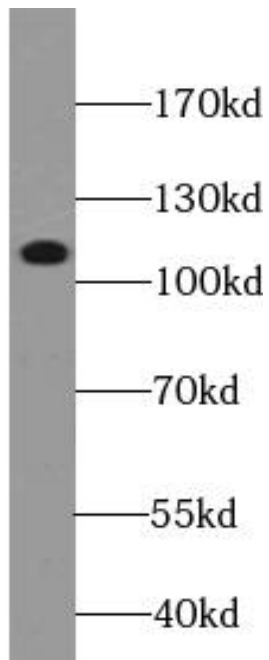
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human brain tissue were subjected to SDS PAGE followed by western blot with FNab09426(VPS11 antibody) at dilution of 1:500