

## VPS52 antibody

### Product Information

Catalog No.:	FNab09447
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

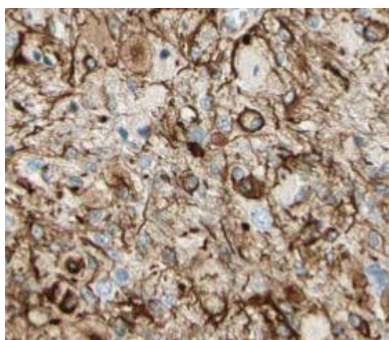
Acts as component of the GARP complex that is involved in retrograde transport from early and late endosomes to the trans-Golgi network(TGN). The GARP complex is required for the maintenance of the cycling of mannose 6-phosphate receptors between the TGN and endosomes, this cycling is necessary for proper lysosomal sorting of acid hydrolases such as CTSD(PubMed:15878329, PubMed:18367545). Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor(TFRC) to the plasma membrane(PubMed:25799061).

### Immunogen information

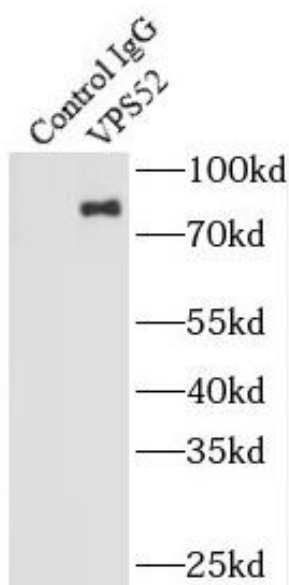
Immunogen:	vacuolar protein sorting 52 homolog
Synonyms:	Vacuolar protein sorting-associated protein 52 homolog SAC2 suppressor of actin mutations 2-like protein VPS52 SACM2L
Observed MW:	82 kDa
Uniprot ID :	Q8N1B4

### Application

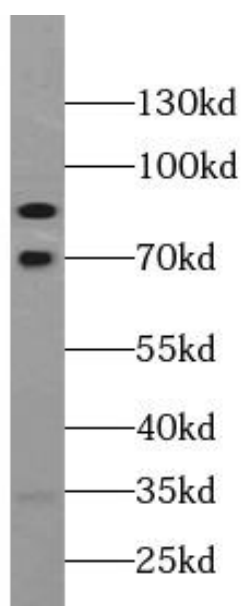
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:200-1:2000;IP: 1:500-1:5000;IHC: 1:20-1:200; IF: 1:10-1:100
Image:	



Immunohistochemistry of paraffin-embedded human gliomas using FNab09447(VPS52 antibody) at dilution of 1:50



IP Result of anti-VPS52 (IP:FNab09447, 3ug; Detection:FNab09447 1:1000) with mouse skin tissue lysate 3200ug.



mouse skin tissue were subjected to SDS PAGE followed by western blot with FNab09447(VPS52 antibody) at dilution of 1:1000