

VPS53 antibody

Product Information

Catalog No.:	FNab09448
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).

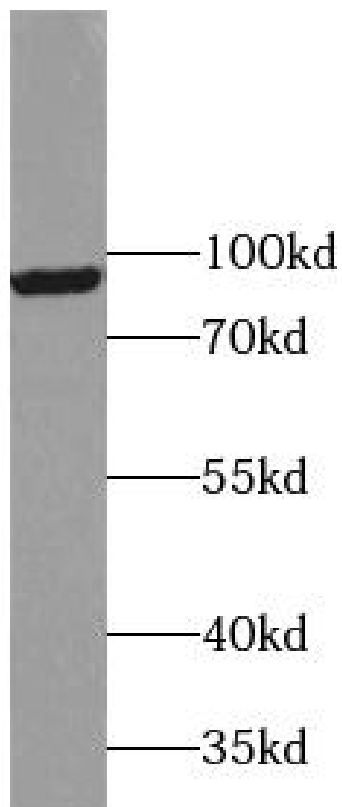
Immunogen information

Immunogen:	vacuolar protein sorting 53 homolog
Synonyms:	Vacuolar protein sorting-associated protein 53 homolog VPS53
Observed MW:	96 kDa
Uniprot ID :	Q5VIR6

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB
Recommended dilution:	WB: 1:500-1:5000;IP: 1:200-1:2000

Image:



human liver tissue were subjected to SDS PAGE followed by western blot with FNab09448(VPS53 antibody) at dilution of 1:300