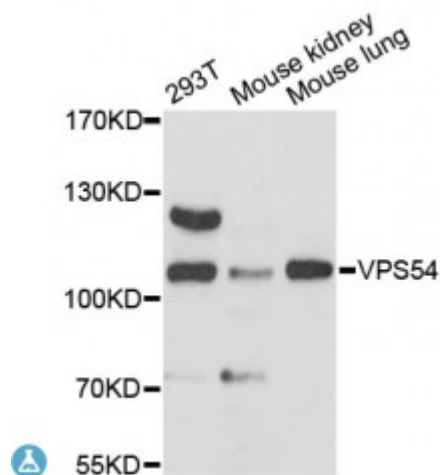


Anti-VPS54 Antibody



Description

This gene encodes for a protein that in yeast forms part of a trimeric vacuolar-protein-sorting complex that is required for retrograde transport of proteins from prevacuoles to the late Golgi compartment. As in yeast, mammalian Vps54 proteins contain a coiled-coil region and dileucine motifs. Alternative splicing results in multiple transcript variants encoding different isoforms

Model	STJ115181
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 420-720 of human VPS54 (NP_001005739.1).
Gene ID	51542
Gene Symbol	VPS54
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Vacuolar protein sorting-associated protein 54 Hepatocellular carcinoma protein 8 Tumor antigen HOM-HCC-8 Tumor antigen SLP-8p
Molecular Weight	110.589 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:18652 OMIM:614633 Reactome:R-HSA-6811440
Alternative Names	Vacuolar protein sorting-associated protein 54 Hepatocellular carcinoma protein 8 Tumor antigen HOM-HCC-8 Tumor antigen SLP-8p
Function	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 ,
Cellular Localization	Golgi apparatus, trans-Golgi network

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