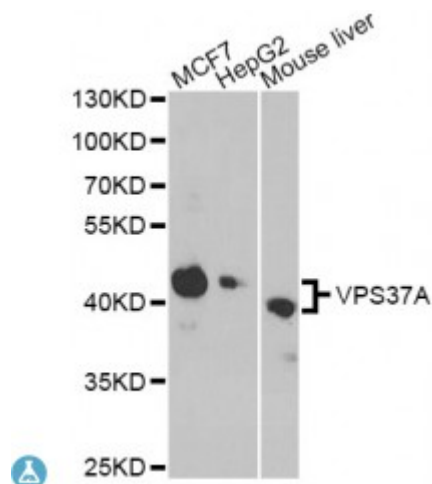


Anti-VPS37A Antibody



Description

This gene belongs to the VPS37 family, and encodes a component of the ESCRT-I (endosomal sorting complex required for transport I) protein complex, required for the sorting of ubiquitinated transmembrane proteins into internal vesicles of multivesicular bodies. Expression of this gene is downregulated in hepatocellular carcinoma, and mutations in this gene are associated with autosomal recessive spastic paraplegia-53. A related pseudogene has been identified on chromosome 5. Alternatively spliced transcript variants have been found for this gene.

Model	STJ116094
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IF, IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 224-397 of human VPS37A (NP_689628.2).
Gene ID	137492
Gene Symbol	VPS37A
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200
Tissue Specificity	Widely expressed, Examined tissues include heart, brain, placenta, liver, skeletal muscle, kidney and pancreas, More abundant in liver, Strongly decreased or undetected in hepatomas
Purification	Affinity purification

Note	For Research Use Only (RUO).
Protein Name	Vacuolar protein sorting-associated protein 37A hVps37A ESCRT-I complex subunit VPS37A Hepatocellular carcinoma-related protein 1
Molecular Weight	44.314 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:24928 OMIM:609927 Reactome:R-HSA-162588
Alternative Names	Vacuolar protein sorting-associated protein 37A hVps37A ESCRT-I complex subunit VPS37A Hepatocellular carcinoma-related protein 1
Function	Component of the ESCRT-I complex, a regulator of vesicular trafficking process, Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies, May be involved in cell growth and differentiation,
Cellular Localization	Late endosome membrane

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