

Rabbit VPS37A Polyclonal Antibody | anti-VPS37A antibody

VPS37A Antibody

CATALOG # AAA323067	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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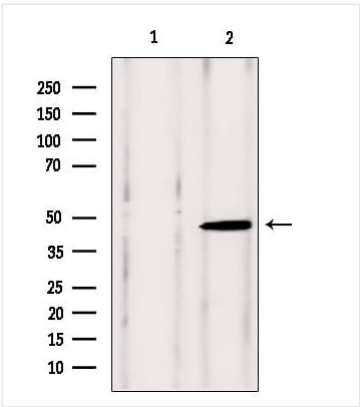
PRODUCT SYNONYMS

VPS37A; Polyclonal Antibody; VPS37A Antibody; 2210018P21Rik; 4930592A21Rik; AW261445; D8Ert531e; ESCRT I complex subunit VPS37A; FLJ32642; FLJ42616; HCRP1; hepatocellular carcinoma related protein 1; hVps37A; MGC116266; polyglutamine binding protein 2; PQBP2; vacuolar protein sorting 37A; Vacuolar protein sorting associated protein 37A; anti-VPS37A antibody

PRODUCT SPECIFICATIONS

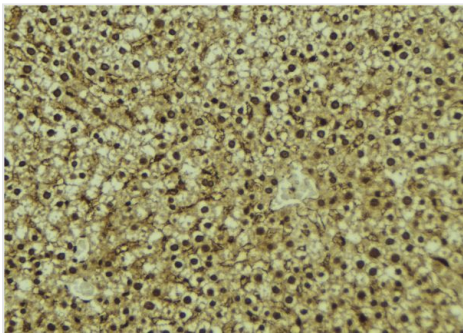
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	VPS37A antibody detects endogenous levels of VPS37A.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	372
Applicable Applications for anti-VPS37A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human VPS37A.
Subcellular Location	Late Endosome Membrane; Peripheral Membrane Protein. Nucleus.
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.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (92%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



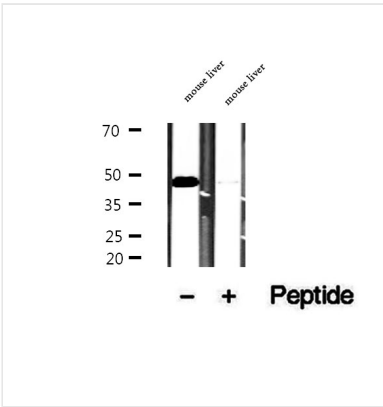
WB (Western Blot)

Western blot analysis of extracts from rat brain, using VPS37A antibody. Lane 1 was treated with the blocking peptide.



IHC (Immunohistochemistry)

AAA323067 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of mouse liver tissue, using VPS37A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS37A antibody	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. Subunit Structure: Component of the ESCRT-I complex (endosomal sorting complex required for transport I) which consists of TSG101, VPS28, a VPS37 protein (VPS37A to-D) and MVB12A or MVB12B in a 1:1:1:1 stoichiometry. Interacts with TSG101, VPS28 and HGS. Component of an ESCRT-I complex (endosomal sorting complex required for transport I) which consists of TSG101, VPS28, VPS37A and UBAP1 in a 1:1:1:1 stoichiometry. Similarity: Belongs to the VPS37 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223555921
NCBI GeneID	137492
NCBI Accession #	NP_001138624.1
NCBI GenBank Nucleotide #	NM_001145152.1
UniProt Accession #	Q8NEZ2; Q336D5; Q6NW27; Q8N3D7; Q8TBL7; Q96DL9
Molecular Weight	Observed: 45 kDa Predicted: 45 kDa
NCBI Official Full Name	vacuolar protein sorting-associated protein 37A isoform 2

NCBI Official Synonym Full Names	VPS37A, ESCRT-I subunit
NCBI Official Symbol	VPS37A
NCBI Official Synonym Symbols	HCRP1; PQBP2; SPG53
NCBI Protein Information	vacuolar protein sorting-associated protein 37A
UniProt Protein Name	Vacuolar protein sorting-associated protein 37A
UniProt Gene Name	VPS37A
UniProt Synonym Gene Names	HCRP1; hVps37A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vps37a-antibody-immunohistochemistry-western-blot-elisa/323067>