

Rabbit anti-Human, Mouse VPS72 Polyclonal Antibody | anti-VPS72 antibody

VPS72 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321069	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

VPS72; Polyclonal Antibody; VPS72 Antibody; CFL1; HGNC11644; Protein YL-1; Swc2; TCFL1; Transcription factor like 1 (YL1); Transcription Factor Like 1; Transcription factor-like 1; Vacuolar protein sorting 72 (yeast); Vacuolar protein sorting 72 homolog (S. cerevisiae); Vacuolar protein sorting associated protein 72 homolog; Vacuolar protein sorting-associated protein 72 homolog; VPS72_HUMAN; YL-1; YL1; anti-VPS72 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	VPS72 antibody detects endogenous levels of VPS72
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	375
Applicable Applications for anti-VPS72 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human VPS72
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%)
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 on RAW264.7 cell lysate using VPS72 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321069 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA321069 at 1/100 staining human Breast cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS72 antibody	Function: Deposition-and-exchange histone chaperone specific for H2AFZ, specifically chaperones H2AFZ and deposits it into nucleosomes. As component of the SRCAP complex, mediates the ATP-dependent exchange of histone H2AFZ/H2B dimers for nucleosomal H2A/H2B, leading to transcriptional regulation of selected genes by chromatin remodeling. Subunit Structure: Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit KAT5/TIP60 and the subunits EP400, TRRAP/PAF400, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, ING3, actin, ACTL6A/BAF53A, MORF4L1/MRG15, MORF4L2/MRGX, MRGBP, YEATS4/GAS41 and VPS72/YL1. Component of a NuA4-related complex which contains EP400, TRRAP/PAF400, SRCAP, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, actin, ACTL6A/BAF53A, VPS72 and YEATS4/GAS41. Also part of a multiprotein complex which contains SRCAP and which binds to H2AFZ/H2AZ. Interacts (via N-terminal domain) with heterodimer HIST1H2BJ and H2AFZ (PubMed:26974126). Similarity: Belongs to the VPS72/YL1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	402793870
NCBI GeneID	6944
NCBI Accession #	NP_001258016.1
NCBI GenBank Nucleotide #	NM_001271087.1
UniProt Accession #	Q15906; Q53GJ2; Q5U0R4; A6NLK9; A6PW55
Molecular Weight	Observed: 41 kDa Predicted: 41 kDa
NCBI Official Full Name	vacuolar protein sorting-associated protein 72 homolog isoform 1
NCBI Official Synonym Full Names	vacuolar protein sorting 72 homolog
NCBI Official Symbol	VPS72
NCBI Official Synonym Symbols	YL1; CFL1; Swc2; YL-1; TCFL1
NCBI Protein Information	vacuolar protein sorting-associated protein 72 homolog
UniProt Protein Name	Vacuolar protein sorting-associated protein 72 homolog
UniProt Gene Name	VPS72
UniProt Synonym Gene Names	TCFL1; YL1

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.