

Rabbit LARP7 Polyclonal Antibody | anti-LARP7 antibody

LARP7 Antibody

CATALOG # AAA323032	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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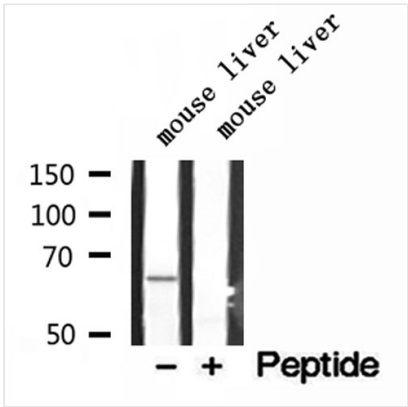
PRODUCT SYNONYMS

LARP7; Polyclonal Antibody; LARP7 Antibody; DKFZp564K112; HDCMA18P; La related protein 7; La ribonucleoprotein domain family member 7; La-related protein 7; LARP 7; larp7; LARP7_HUMAN; MGC104360; P TEFb interaction protein for 7SK stability; P-TEFb-interaction protein for 7SK stability; PIP7S; anti-LARP7 antibody

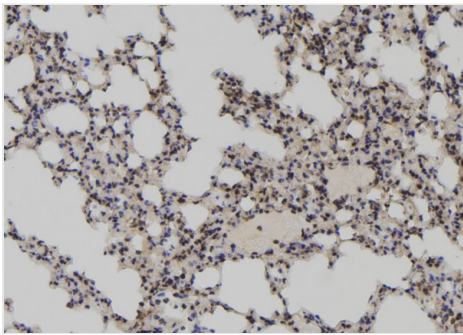
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LARP7 antibody detects endogenous levels of LARP7.
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	589
Applicable Applications for anti-LARP7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LARP7.
Subcellular Location	Nucleus > Nucleoplasm.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (83%), Zebrafish (92%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (92%)
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 of mouse liver tissue, using LARP7 antibody.



IHC (Immunohistochemistry)
AAA323032 at 1/100 staining Mouse lung 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.

ADDITIONAL INFORMATION

Related Product Information for anti-LARP7 antibody	Function: Negative transcriptional regulator of polymerase II genes, acting by means of the 7SK RNP system. Within the 7SK RNP complex, the positive transcription elongation factor b (P-TEFb) is sequestered in an inactive form, preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation. Subunit Structure: Integral part of the 7SK RNP complex (PubMed:18483487). Specifically binds to the highly conserved 3'-terminal U-rich stretch of 7SK RNA (PubMed:18483487). On stimulation, remains associated with 7SK RNA, whereas P-TEFb is released from the complex (PubMed:18483487). Interacts with METTL16 (PubMed:29051200).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388490152
NCBI GeneID	51574
NCBI Accession #	NP_001253968.1
NCBI GenBank Nucleotide #	NM_001267039.1
UniProt Accession #	Q4G0J3; Q3B7A9; Q9P1S7; Q9Y3Z8; B2ZHN6
Molecular Weight	Observed: 67 kDa Predicted: 67 kDa
NCBI Official Full Name	la-related protein 7 isoform 2
NCBI Official Synonym Full Names	La ribonucleoprotein domain family member 7
NCBI Official Symbol	LARP7
NCBI Official Synonym Symbols	ALAZS; PIP7S; HDCMA18P
NCBI Protein Information	la-related protein 7
UniProt Protein Name	La-related protein 7
UniProt Gene Name	LARP7
UniProt Synonym Gene Names	PIP7S

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.