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LARP4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17575b

Product Information

Application	WB, E
Primary Accession	Q71RC2
Other Accession	NP_001164279.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37269
Calculated MW	80596
Antigen Region	689-717

Additional Information

Gene ID	113251
Other Names	La-related protein 4, La ribonucleoprotein domain family member 4, LARP4
Target/Specificity	This LARP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 689-717 amino acids from the C-terminal region of human LARP4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LARP4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LARP4
Function	RNA binding protein that binds to the poly-A tract of mRNA molecules (PubMed:21098120). Associates with the 40S ribosomal subunit and with polysomes (PubMed:21098120). Plays a role in the regulation of mRNA

translation (PubMed:21098120). Essential for proper regulation of cell morphology and cytoskeletal organization (PubMed:21834987, PubMed:27615744).

Cellular Location Cytoplasm, Stress granule. Cytoplasm, cytosol Note=Localized throughout the cytosol. Partially localized in stress granules in response to arsenite treatment

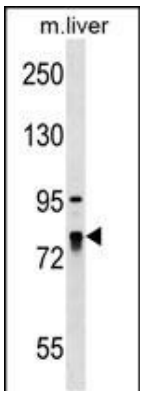
Background

LARP4 contains one HTH La-type RNA-binding domain and one RRM (RNA recognition motif) domain. There are four named isoforms.

References

Puigdecanet, E., et al. Cancer Genet. Cytogenet. 167(1):39-42(2006)
Kralovics, R., et al. Blood Rev. 19(1):1-13(2005)

Images



LARP4 Antibody (C-term) (Cat. #AP17575b) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the LARP4 antibody detected the LARP4 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.