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LARP4B/LARP5 Rabbit pAb

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Catalog # AP56560

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q92615
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80552
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LARP4B/LARP5
Epitope Specificity	401-500/738
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytosol
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of an evolutionarily conserved protein family implicated in RNA metabolism and translation. Members of this family are characterized by the presence of an La motif, which is often located adjacent to one or more RNA recognition motifs (RRM). Together, the two motifs constitute the functional region of the protein and enable its interaction with the RNA substrate. This protein family is divided into five sub-families: the genuine La proteins and four La-related protein (LARP) sub-families. The protein encoded by this gene belongs to LARP sub-family 4. It is a cytoplasmic protein that may play a stimulatory role in translation. [provided by RefSeq, Oct 2012]

Additional Information

Gene ID	23185
Other Names	La-related protein 4B, La ribonucleoprotein domain family member 4B, La ribonucleoprotein domain family member 5, La-related protein 5, LARP4B, KIAA0217, LARP5
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

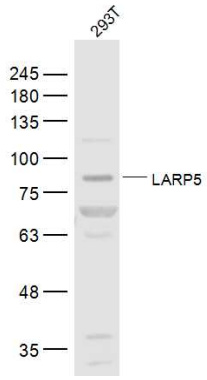
Protein Information

Name	LARP4B
Synonyms	KIAA0217, LARP5
Function	Stimulates mRNA translation.
Cellular Location	Cytoplasm, cytosol. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs in response to arsenite treatment.

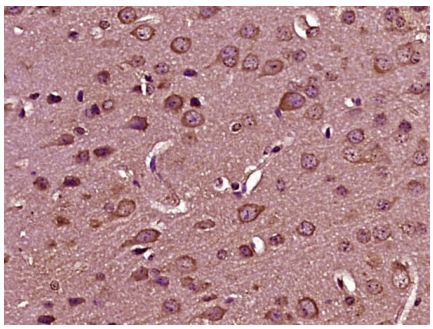
Background

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Images



Sample:
293T(Human) Cell Lysate at 30 ug
Primary: Anti-LARP5 (AP56560) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 81 kD
Observed band size: 81 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LARP4B) Polyclonal Antibody, Unconjugated (AP56560) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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