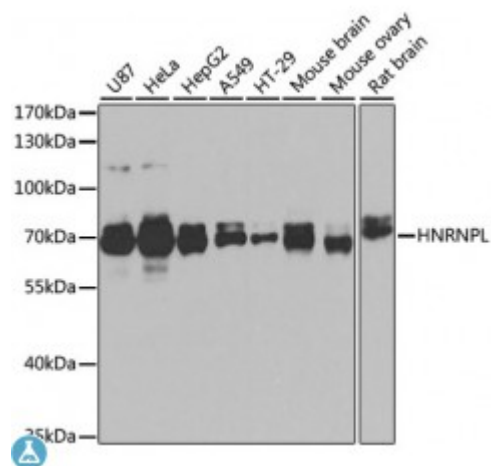


Anti-HNRNPL Antibody



Description

Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogeneous ribonucleoprotein (hnRNP) complexes. Heterogeneous nuclear ribonucleoprotein L is among the proteins that are stably associated with hnRNP complexes and along with other hnRNP proteins is likely to play a major role in the formation, packaging, processing, and function of mRNA. Heterogeneous nuclear ribonucleoprotein L is present in the nucleoplasm as part of the HNRP complex. HNRP proteins have also been identified outside of the nucleoplasm. Exchange of hnRNP for mRNA-binding proteins accompanies transport of mRNA from the nucleus to the cytoplasm. Since HNRP proteins have been shown to shuttle between the nucleus and the cytoplasm, it is possible that they also have cytoplasmic functions. Two transcript variants encoding different isoforms have been found for this gene.

Model STJ114321

Host Rabbit

Reactivity Human, Mouse, Rat

Applications IF, WB

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 282-589 of human HNRNPL (NP_001524.2).

Gene ID [3191](#)

Gene Symbol [HNRNPL](#)

Dilution range WB 1:500 - 1:2000
IF 1:50 - 1:200

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Heterogeneous nuclear ribonucleoprotein L hnRNP L
Molecular Weight	64.133 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5045OMIM:164021Reactome:R-HSA-72163
Alternative Names	Heterogeneous nuclear ribonucleoprotein L hnRNP L
Function	Splicing factor binding to exonic or intronic sites and acting as either an activator or repressor of exon inclusion, Exhibits a binding preference for CA-rich elements ,
Cellular Localization	Nucleus, nucleoplasm
Post-translational Modifications	Several isoelectric forms of the L protein are probably the results of post-translational modifications

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