



hnRNP L Monoclonal Antibody

Catalog No	YP-mAb-01809
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HNRNPL
Immunogen	The antiserum was produced against synthesized peptide derived from human hnRNP L. AA range:61-110
Specificity	hnRNP L Monoclonal Antibody detects endogenous levels of hnRNP L protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hnRNP L;HNRPL;P/OKcl.14;HNRNPL;Heterogeneous nuclear ribonucleoprotein L
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Nucleus, nucleoplasm . Cytoplasm . Localized in cytoplasmic mRNP granules containing untranslated mRNAs. These granules are not identical with P bodies or stress granules. .
Tissue Specificity	Brain,Cajal-Retzius cell,Fetal brain cortex,Keratinocyte,Pa
Function	function:This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. L is associated with most nascent transcripts including those of the landmark giant loops of amphibian lampbrush chromosomes.,PTM:Several isoelectric forms of the L protein are probably the results of post-translational modifications.,similarity:Contains 3 RRM (RNA recognition motif) domains.,



Background

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 HNRNP complex. HNRNP 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 HNRNP 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 is

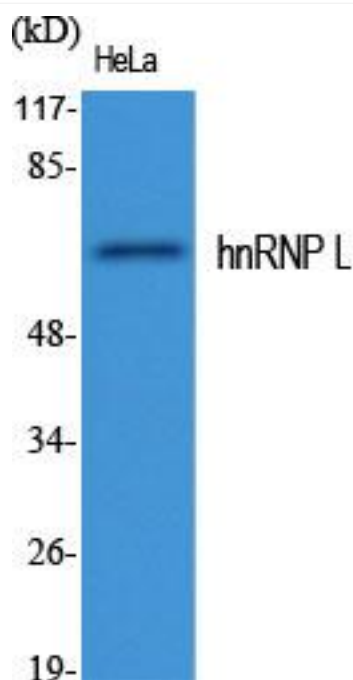
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using hnRNP L Monoclonal Antibody