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Datasheet for ABIN2778695

anti-HNRNPL antibody (N-Term)

3 Images

Overview

Quantity:	100 µL
Target:	HNRNPL
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRNPL
Sequence:	DTWDYTNPNL SGQGDPGNSP NKRQRQPPLL GDHPAEYGGP HGGYHSHYHD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against HNRNPL. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	HNRNPL
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Target Details

Alternative Name: HNRPL ([HNRNPL Products](#))

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 isoforms have been found for this gene. 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 isoforms have been found for this gene.

Alias Symbols: P/OKcl.14, hnRNP-L, HNRPL

Protein Interaction Partner: TP53, FUS, TRIM68, SUMO2, SUMO3, IVNS1ABP, UBC, MDM2, RPA3, RPA2, RPA1, ILF3, HNRNPA2B1, EED, VHL, VEGFA, RNF2, NEDD4, ITCH, FBXO6, HMGA1, vif, TP63, UBL4A, WHSC1, VCAM1, ITGA4, IL7R, IFIT3, IFIT2, FN1, DAB2, CSNK2A1, EIF4A3, MAGOH, HNRNPA3, NPLOC4, LSM14

Protein Size: 589

Molecular Weight: 65 kDa

Gene ID: 3191

NCBI Accession: [NM_001533](#), [NP_001524](#)

UniProt: [P14866](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 589 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

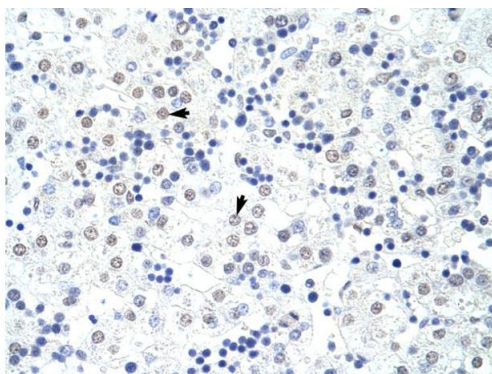
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

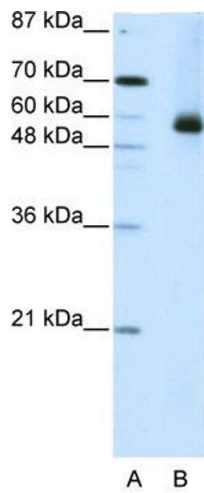
Images



Rabbit Anti-HNRPL Antibody
Catalog Number: ARP40240
Lot Number: QC9419
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Hepatocytes (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

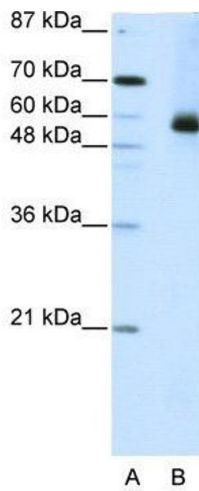
Immunohistochemistry

Image 1. Rabbit Anti-HNRPL Antibody Paraffin Embedded
Tissue: Human Liver Cellular Data: Hepatocytes Antibody
Concentration: 4.0-8.0 µg/ml Magnification: 400X



Western Blotting

Image 2. WB Suggested Anti-HNRPL Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that HNRNPL is expressed in HepG2



Western Blotting

Image 3. WB Suggested Anti-HNRPL Antibody Titration: 2.5 µg/mL ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that HNRNPL is expressed in HepG2