Datasheet for ABIN2778777

anti-HNRNPL antibody (N-Term)

8 Images

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Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRPL
Sequence:	AAGGGGGGEN YDDPHKTPAS PVVHIRGLID GVVEADLVEA LQEFGPISYV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HNRPL. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	HNRNPL

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 heterogenous 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.Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogenous 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. Alias Symbols: HNRPL, hnRNP-L, P/OKcl.14 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

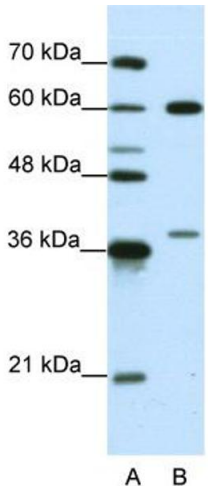
Application Details

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



Western Blotting

Image 1. WB Suggested Anti-HNRPL Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate HNRNPL is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

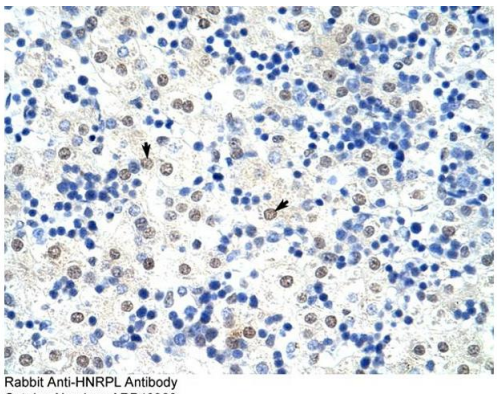
Western Blotting

Image 2. WB Suggested Anti-HNRPL

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500

Positive Control: Jurkat cell lysate

HNRNPL is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Rabbit Anti-HNRPL Antibody
Catalog Number: ARP40368
Lot Number: QC9464
Paraffin Embeded Tissue: Human Liver
Cells with Positive label: Hepatocytes (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 3. Rabbit Anti-HNRPL Antibody Paraffin Embedded Tissue: Human Liver Cellular Data: Hepatocytes Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Please check the product details page for more images. Overall 8 images are available for ABIN2778777.