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Product datasheet for TA345781

hnRNP L (HNRNPL) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, IP, WB
Recommended Dilution:	IF, IP, WB, IHC
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HNRPL antibody: synthetic peptide directed towards the N terminal of human HNRPL. Synthetic peptide located within the following region: AAGGGGGGENYDDPHKTPASPVVHIRGLIDGVVEADLVEALQEFGPISYV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein L
Database Link:	NP_001524 Entrez Gene 15388 MouseEntrez Gene 3191 Human P14866

View online »

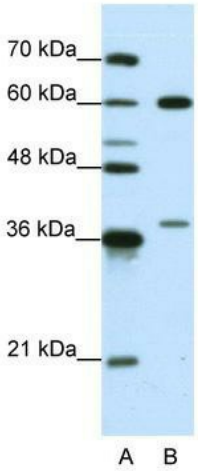
Background: Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogenous ribonucleoprotein (hnRNP) complexes. Heterogeneous nuclear ribonucleoprotein L is among the proteins that are stably associated with hnRNP complexes 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.

Synonyms: hnRNP-L; HNRPL; OKcl.14; P

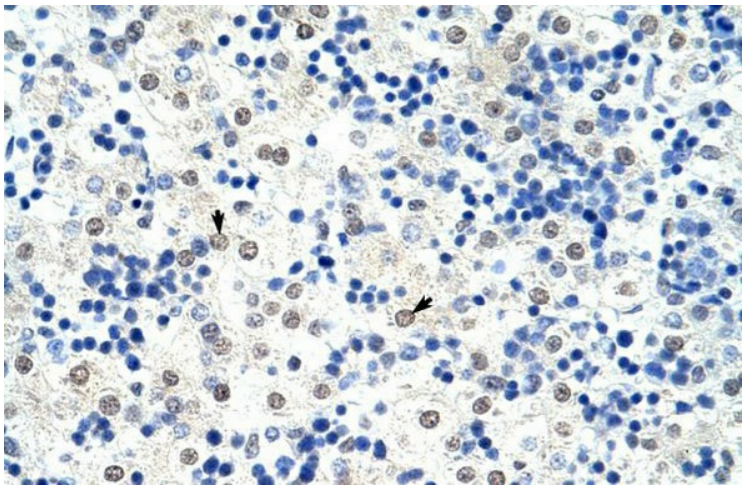
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Product images:

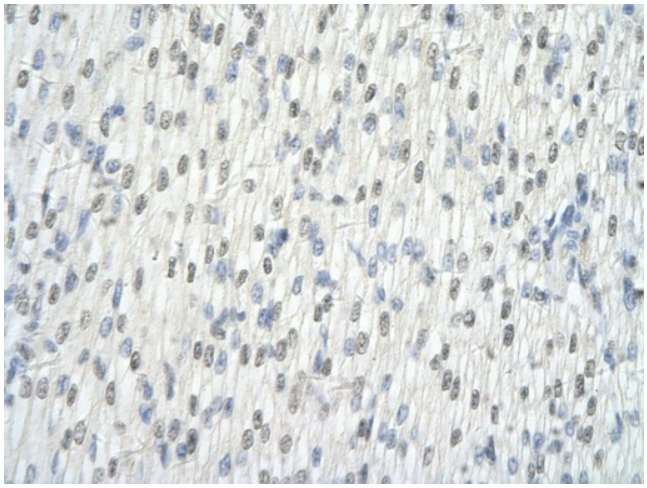
Lanes: Lane 1: 20ug HeLa S3 lysate Lane 2: 20ug MCF7 lysate Lane 3: 20ug K562 lysate; Primary Antibody Dilution: 1: 4000; Secondary Antibody: Anti-rabbit-HRP; Secondary Antibody Dilution: 1: 5000; Gene Name: HNRPL;



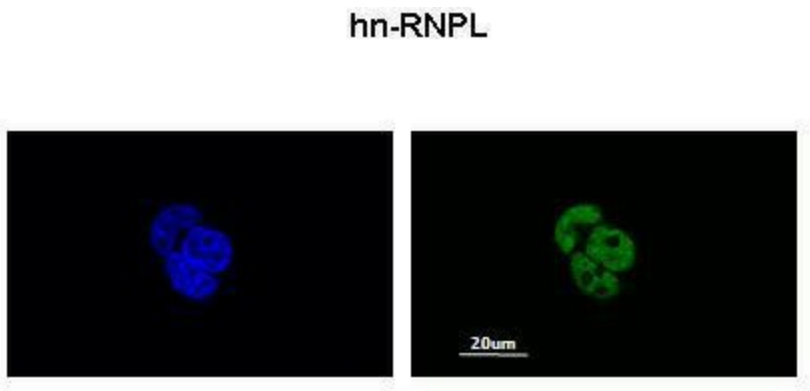
WB Suggested Anti-HNRPL Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Jurkat cell lysate; HNRNPL is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



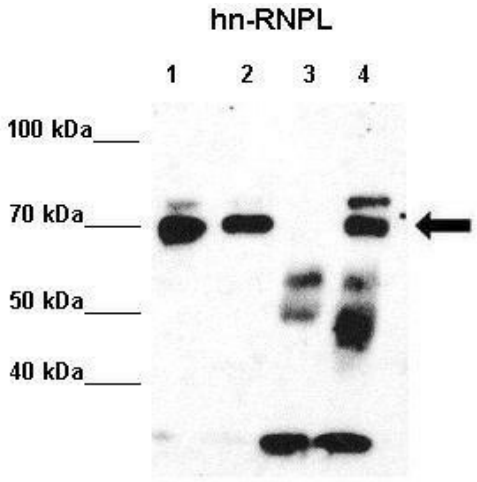
Rabbit Anti-HNRPL Antibody; Paraffin Embedded Tissue: Human Liver; Cellular Data: Hepatocytes; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X



Rabbit Anti-HNRPL antibody; Paraffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X



Sample Type: MCF7 cells; Primary Antibody Dilution: 1: 200; Secondary Antibody: Anti-rabbit-FITC; Secondary Antibody Dilution: 1: 500; Color/Signal Descriptions: DAPI: Blue hnRNPL: Green; Gene Name: HNRPL;



Amount and Sample Type: Lane 1: 5% InputLane 2: 5% SupLane 3: Normal IgGLane 4: hn-RNPL ppt. k562 sample; IP Antibody: HNRPL; Amount of IP Antibody: Primary Antibody: HNRPL; Primary Antibody Dilution: 1: 4000; Secondary Antibody: Anti-rabbit-HRP; Secondary Antibody Dilution: 1: 5000; Gene Name: HNRPL;