

HNRNPL / hnRNP L Antibody (aa61-110) Rabbit Polyclonal Antibody Catalog # ALS15103

### **Specification**

## HNRNPL / hnRNP L Antibody (aa61-110) - Product Information

Application Primary Accession Reactivity Host Clonality Calculated MW IF, WB, IHC <u>P14866</u> Human, Mouse Rabbit Polyclonal 64kDa KDa

### HNRNPL / hnRNP L Antibody (aa61-110) - Additional Information

Gene ID 3191

**Other Names** Heterogeneous nuclear ribonucleoprotein L, hnRNP L, HNRNPL, HNRPL

**Target/Specificity** hnRNP L Antibody detects endogenous levels of total hnRNP L protein.

**Reconstitution & Storage** Store at -20°C for up to one year.

**Precautions** HNRNPL / hnRNP L Antibody (aa61-110) is for research use only and not for use in diagnostic or therapeutic procedures.

### HNRNPL / hnRNP L Antibody (aa61-110) - Protein Information

Name HNRNPL

Synonyms HNRPL

#### 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 (PubMed:<a href="http://www.uniprot.org/citations/11809897" target="\_blank">11809897</a>, PubMed:<a href="http://www.uniprot.org/citations/22570490" target="\_blank">22570490</a>, PubMed:<a href="http://www.uniprot.org/citations/24164894" target="\_blank">24164894</a>, PubMed:<a href="http://www.uniprot.org/citations/2603890" target="\_blank">26051023</a>, PubMed:<a href="http://www.uniprot.org/citations/2603890" target="\_blank">26051023</a>, PubMed:<a href="http://www.uniprot.org/citations/26051023" target="\_blank">26051023</a>). Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts (PubMed:<a href="http://www.uniprot.org/citations/26051023" target="\_blank">2687284</a>). Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter (PubMed:<a



href="http://www.uniprot.org/citations/11809897" target="\_blank">11809897</a>). As part of a ribonucleoprotein complex composed at least of ZNF827, HNRNPK and the circular RNA circZNF827 that nucleates the complex on chromatin, may negatively regulate the transcription of genes involved in neuronal differentiation (PubMed:<a

href="http://www.uniprot.org/citations/33174841" target="\_blank">33174841</a>). Regulates alternative splicing of a core group of genes involved in neuronal differentiation, likely by mediating H3K36me3-coupled transcription elongation and co-transcriptional RNA processing via interaction with CHD8.

**Cellular Location** 

Nucleus, nucleoplasm. Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs. These granules are not identical with P bodies or stress granules

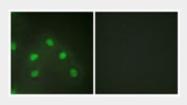
Volume 50 μl

## HNRNPL / hnRNP L Antibody (aa61-110) - Protocols

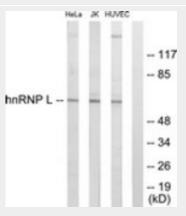
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

HNRNPL / hnRNP L Antibody (aa61-110) - Images

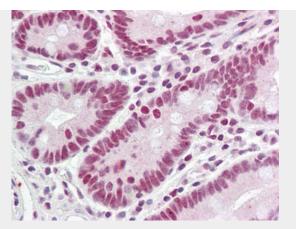


Immunofluorescence of HeLa cells, using hnRNP L Antibody.

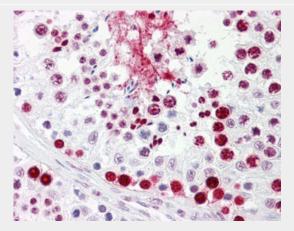


Western blot of extracts from HeLa/Jurkat/HUVEC cells, using hnRNP L Antibody.





Anti-HNRNPL / hnRNP L antibody IHC of human small intestine.



Anti-HNRNPL / hnRNP L antibody IHC of human testis.

# HNRNPL / hnRNP L Antibody (aa61-110) - Background

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. Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts. Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter.

# HNRNPL / hnRNP L Antibody (aa61-110) - References

Ito M., et al.Cancer Res. 61:2038-2046(2001). Ota T., et al.Nat. Genet. 36:40-45(2004). Grimwood J., et al.Nature 428:529-535(2004). Mural R.J., et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Pinol-Roma S., et al.J. Cell Biol. 109:2575-2587(1989).