

HNRPL Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP2950c**Specification**

HNRPL Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P14866](#)**HNRPL Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3191**Other Names**

Heterogeneous nuclear ribonucleoprotein L, hnRNP L, HNRNPL, HNRPL

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2950c](/products/AP2950c) was selected from the Center region of human HNRPL. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HNRPL Antibody (Center) Blocking Peptide - 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: [11809897](http://www.uniprot.org/citations/11809897), PubMed: [22570490](http://www.uniprot.org/citations/22570490), PubMed: [24164894](http://www.uniprot.org/citations/24164894), PubMed: [25623890](http://www.uniprot.org/citations/25623890), PubMed: [26051023](http://www.uniprot.org/citations/26051023)). Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts (PubMed: [2687284](http://www.uniprot.org/citations/2687284)). Associates, together with APEX1, to the negative calcium

responsive element (nCaRE) B2 of the APEX2 promoter (PubMed:11809897). 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:33174841). 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

HNRPL Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HNRPL Antibody (Center) Blocking Peptide - Images

HNRPL Antibody (Center) Blocking Peptide - Background

HNRPL 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.

HNRPL Antibody (Center) Blocking Peptide - References

Hahm,B., et.al., FEBS Lett. 425 (3), 401-406 (1998)Funke,B., et.al., Nucleic Acids Res. 24 (19), 3821-3828 (1996)