

# hnRNP L Polyclonal Antibody

Catalog # AP70386

## Product Information

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Application	WB, IHC-P, IF
Primary Accession	<a href="#">P14866</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64133

## Additional Information

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Gene ID	3191
Other Names	HNRNPL; HNRPL; P/OKcl.14; Heterogeneous nuclear ribonucleoprotein L; hnRNP L
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

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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="#">11809897</a> , PubMed: <a href="#">22570490</a> , PubMed: <a href="#">24164894</a> , PubMed: <a href="#">25623890</a> , PubMed: <a href="#">26051023</a> ). Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts (PubMed: <a href="#">2687284</a> ). Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter (PubMed: <a href="#">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="#">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.

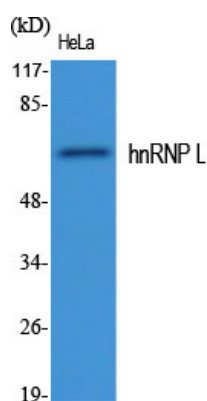
## Cellular Location

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

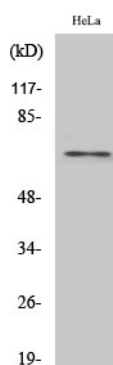
## Background

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 (PubMed:[11809897](#), PubMed:[22570490](#), PubMed:[24164894](#), PubMed:[25623890](#), PubMed:[26051023](#)). Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts (PubMed:[2687284](#)). Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter (PubMed:[11809897](#)).

## Images



Western Blot analysis of various cells using hnRNP L Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western Blot analysis of HuvEc cells using hnRNP L Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.