

HNRNPL Rabbit Polyclonal Antibody



CAB12447

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

64kDa

Calculated MW:

50kDa/64kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogeneous 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.

Immunogen information

Gene ID:

3191

Uniprot

P14866

Synonyms:

HNRNPL; HNRPL; P/OKcl.14; hnRNP-L

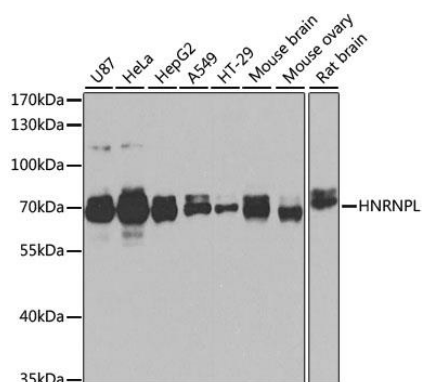
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 282-589 of human HNRNPL (NP_001524.2).

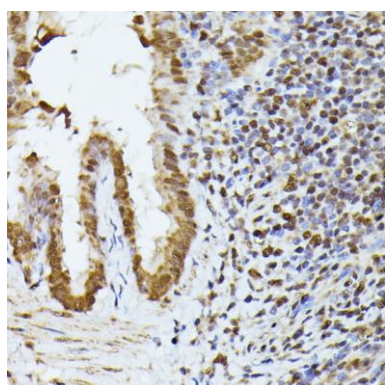
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

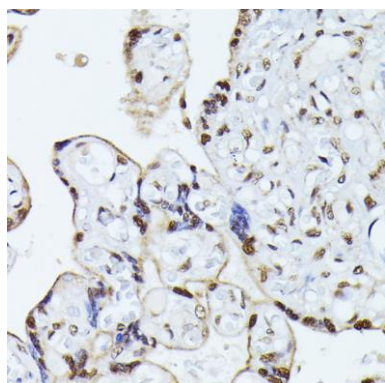
Product Images



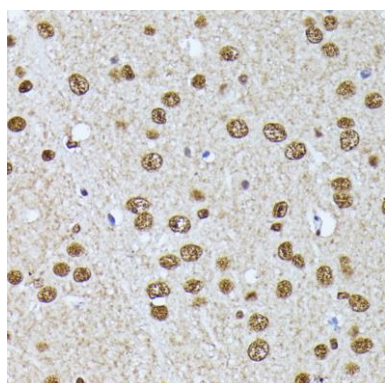
Western blot analysis of extracts of various cell lines, using HNRNPL antibody (CAB12447) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat lung using HNRNPL antibody (CAB12447) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human placenta using HNRNPL antibody (CAB12447) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using HNRNPL antibody (CAB12447) at dilution of 1:100 (40x lens).