

HNRNPD Rabbit Polyclonal Antibody



CAB1828

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

43kDa

Calculated MW:

30kDa/32kDa/36kDa/38kDa

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 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants.

Immunogen information

Gene ID:

3184

Uniprot

Q14103

Synonyms:

HNRNPD; AUF1; AUF1A; HNRPD; P37; hnRNPD0

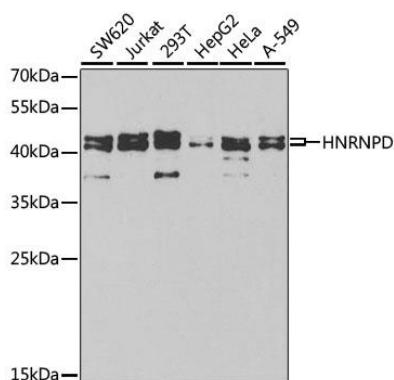
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-306 of human HNRNPD (NP_002129.2).

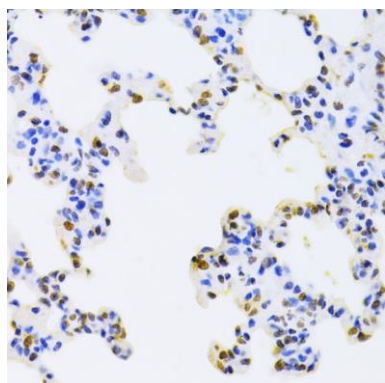
Storage:

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

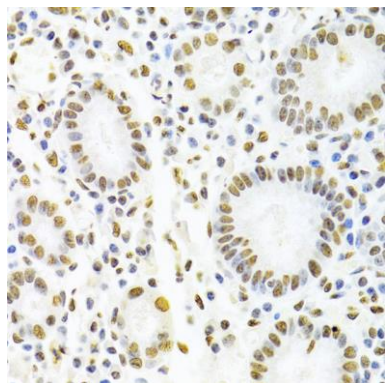
Product Images



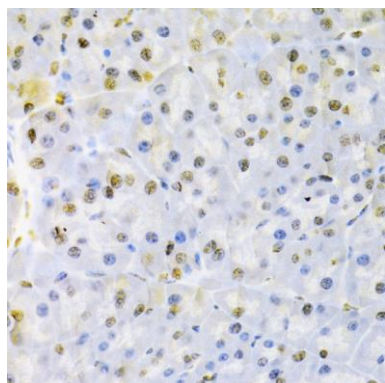
Western blot analysis of extracts of various cell lines, using HNRNPD antibody (CAB1828) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat lung using HNRNPD Antibody (CAB1828) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using HNRNPD Antibody (CAB1828) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse pancreas using HNRNPD Antibody (CAB1828) at dilution of 1:100 (40x lens).