

# HNRNPD Rabbit Polyclonal Antibody



CAB15679

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

37-45kDa

### 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 - 1:200

### 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

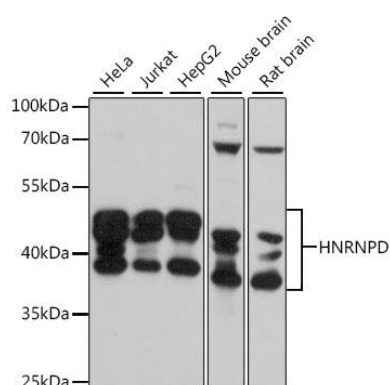
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-306 of human HNRNPD (NP\_002129.2).

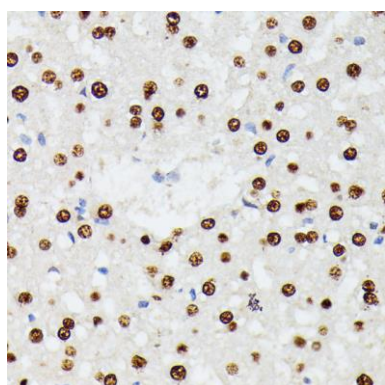
### Storage:

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

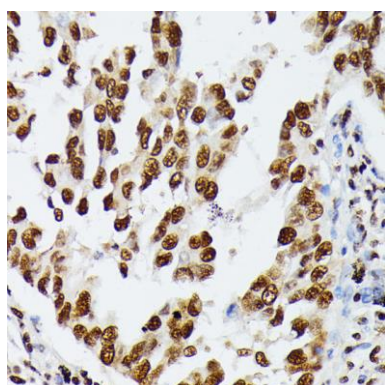
## Product Images



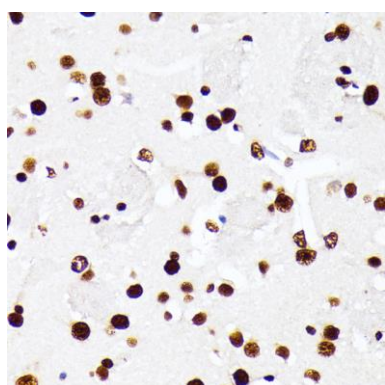
Western blot analysis of extracts of various cell lines, using HNRNPD antibody (CAB15679) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat liver using HNRNPD antibody (CAB15679) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using HNRNPD antibody (CAB15679) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using HNRNPD antibody (CAB15679) at dilution of 1:100 (40x lens).