

Product datasheet for **AP20246PU-M**

HNRNPD Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western blot: 1/500-1/1000. Immunofluorescence: 1/50-1/200. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of hnRPD protein.
Formulation:	Phosphate Buffered Saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% by SDS-PAGE) Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~38 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein D
Database Link:	<u>Entrez Gene 11991 Mouse</u> <u>Entrez Gene 79256 Rat</u> <u>Entrez Gene 3184 Human</u> <u>Q14103</u>



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Background:

hnRNP D/AUF1 binds with high affinity to RNA molecules that contain AU-rich elements (AREs) found within the 3' untranslated regions of many protooncogenes and cytokine mRNAs. It also binds to double and single stranded DNA sequences in a specific manner and functions as a transcription factor. Each of the RNA-binding domains specifically can bind solely to a single stranded nonmonotonous 5'-UUAG-3' sequence and also weaker to the single-stranded 5'-TTAGGG-3' telomeric DNA repeat. It may be involved in translationally coupled mRNA turnover (referenced from swissprot).

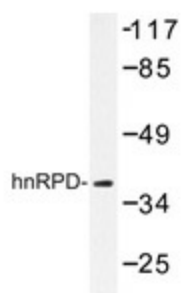
Synonyms:

AUF1, HNRPD, Heterogeneous nuclear ribonucleoprotein D0

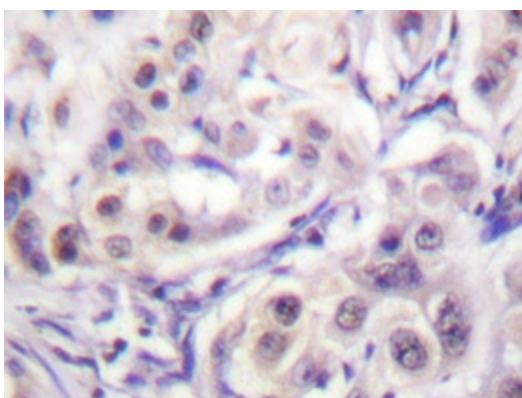
Protein Families:

Druggable Genome, Transcription Factors

Product images:



Western blot analysis of hnRPD antibody Cat.-No [AP20246PU-N] in extracts from 293 cells.



Immunohistochemistry analyzes of hnRPD antibody Cat.-No [AP20246PU-N] in paraffin-embedded human lung carcinoma tissue.