

Rabbit anti-Human Heterogeneous nuclear ribonucleoprotein D0 Polyclonal Antibody | anti-HNRNPD antibody

Rabbit anti-human Heterogeneous nuclear ribonucleoprotein D0 polyclonal Antibody

CATALOG # AAA229484	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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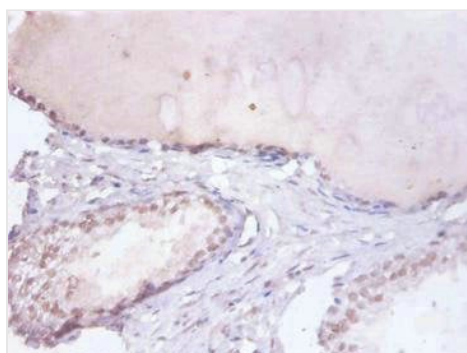
PRODUCT SYNONYMS

Heterogeneous nuclear ribonucleoprotein D0; Polyclonal Antibody; Rabbit anti-human Heterogeneous nuclear ribonucleoprotein D0 polyclonal Antibody; AU-rich element RNA-binding protein 1; anti-HNRNPD antibody

PRODUCT SPECIFICATIONS

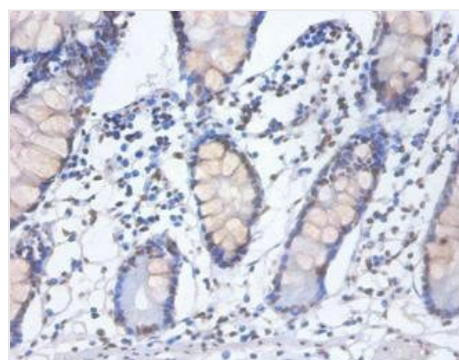
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	287
Applicable Applications for anti-HNRNPD antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Heterogeneous nuclear ribonucleoprotein D0 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22368 / sc-22369 / sc-15385 / sc-30148
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



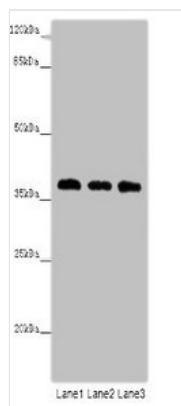
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using AAA229484 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine using AAA229484 at dilution of 1:100



WB (Western Blot)
 Western blotAll lanes: HNRNP antibody at 2ug/mlLane 1: 293T whole cell lysateLane 2: Hela whole cell lysateLane 3: Jurkat whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 39,37,33,31 kDaObserved band size: 38 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNP antibody	Binds with high affinity to RNA molecules that contain AU-rich elements (AREs) found within the 3'-UTR of many proto-oncogenes and cytokine mRNAs. Also binds to double- and single-stranded DNA sequences in a specific manner and functions a transcription factor. Each of the RNA-binding domains specifically can bind solely to a single-stranded non-monotonous 5'-UUAG-3' sequence and also weaker to the single-stranded 5'-TTAGGG-3' telomeric DNA repeat. Binds RNA oligonucleotides with 5'-UUAGGG-3' repeats more tightly than the telomeric single-stranded DNA 5'-TTAGGG-3' repeats. Binding of RRM1 to DNA inhibits the formation of DNA quadruplex structure which may play a role in telomere elongation. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. 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. This protein 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.
Product Categories/Family for anti-HNRNP antibody	Transcription

NCBI AND UNIPROT INFORMATION

NCBI GI #	51477708
NCBI GeneID	3184
NCBI Accession #	NP_001003810.1
NCBI GenBank Nucleotide #	NM_001003810.1
UniProt Accession #	Q14103; P07029; Q01858; Q14100; Q14101; Q14102; Q4W5A1; Q9UCE8; Q9UCE9; A8K9J2
Molecular Weight	30,672 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein D0 isoform d
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein D
NCBI Official Symbol	HNRNP
NCBI Official Synonym Symbols	P37; AUF1; AUF1A; HNRPD; hnRNP0

NCBI Protein Information	heterogeneous nuclear ribonucleoprotein D0
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein D0
UniProt Gene Name	HNRNPD
UniProt Synonym Gene Names	AUF1; HNRPD; hnRNP D0
UniProt Entry Name	HNRNPD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/heterogeneous-nuclear-ribonucleoprotein-d0-antibody-immunohistochemistry-western-blot-elisa/229484>