

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

Rabbit anti-human Heterogeneous nuclear ribonucleoprotein D0 polyclonal Antibody(HNRNPD)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118576	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

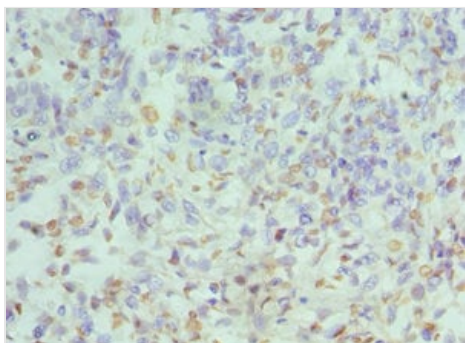
PRODUCT SYNONYMS

Heterogeneous nuclear ribonucleoprotein D0; Polyclonal Antibody; Rabbit anti-human Heterogeneous nuclear ribonucleoprotein D0 polyclonal Antibody(HNRNPD); hnRNP D0; AU-rich element RNA-binding protein 1; HNRNPD; AUF1; HNRPD; anti-HNRNPD antibody

PRODUCT SPECIFICATIONS

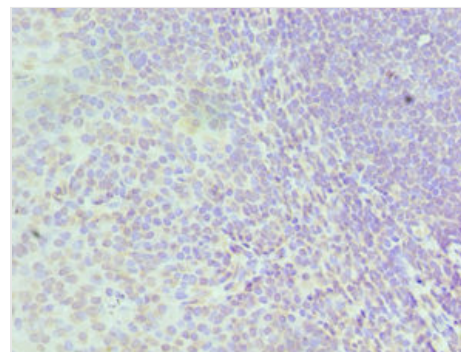
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	287
Applicable Applications for anti-HNRNPD antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Heterogeneous nuclear ribonucleoprotein D0 protein(1-306aa)
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. Avoid repeated freeze.

IMAGES



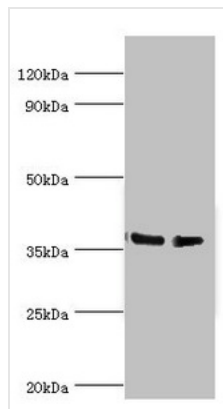
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrial using AAA118576 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA118576 at dilution 1:100



WB (Western Blot)

All lanes: Heterogeneous nuclear ribonucleoprotein D0 antibody at 4ug/mlLane 1:HeLa whole cell lysateLane 2:293T whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 39,37,33,31 kDaObserved band size: 38 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPD 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 as 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. May play a role in the regulation of the rhythmic expression of circadian clock core genes. Directly binds to the 3'UTR of CRY1 mRNA and induces CRY1 rhythmic translation. May also be involved in the regulation of PER2 translation.

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	HNRNPD
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	HNRPD_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/118576>