

Rabbit HNRPDL Polyclonal Antibody | anti-HNRNPDL antibody

HNRPDL Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285993	Rabbit	Human (Predicted Reactivity: Xenopus, Chicken, Mouse, Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

HNRPDL; Polyclonal Antibody; HNRPDL Antibody (Center); Heterogeneous nuclear ribonucleoprotein D-like; hnRNP D-like; hnRNP DL; AU-rich element RNA-binding factor; JKT41-binding protein; Protein laAUF1; HNRNPDL; JKTBP; anti-HNRNPDL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This HNRPDL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-234 amino acids from the Central region of human HNRPDL.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	206-234
Sequence Length	363
Applicable Applications for anti-HNRNPDL antibody	ELISA, WB (Western Blot)
Function	Acts as a transcriptional regulator. Promotes transcription repression. Promotes transcription activation in differentiated myotubes (By similarity). Binds to double- and single-stranded DNA sequences. Binds to the transcription suppressor CATR sequence of the COX5B promoter (By similarity). 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. Binds both to nuclear and cytoplasmic poly(A) mRNAs. Binds to poly(G) and poly(A), but not to poly(U) or poly(C) RNA homopolymers. Binds to the 5'-ACUAGC-3' RNA consensus sequence.
Cellular Location	Nucleus. Cytoplasm. Note=Shuttles between the nucleus and the cytoplasm in a TNPO1-dependent manner.
Tissue Location	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes. Expressed in myeloid leukemia, gastric adenocarcinoma, cervical carcinoma, hepatoma, fibrosarcoma, colon adenocarcinoma, epidermoid carcinoma, osteosarcoma and urinary bladder carcinoma cells.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
HNRPDL Antibody (Center) western blot analysis in K562,HepG2,Jurkat cell line lysates (35ug/lane).This demonstrates the HNRPDL antibody detected the HNRPDL protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPDL antibody	HNRPDL belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA 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 has two RRM domains that bind to RNAs.
References	Walker, L.C., et al. Breast Cancer Res. Treat. 112(2):229-236(2008) Wu, Y.Y., et al. Cell Biochem. Funct. 26(4):467-477(2008) Reboll, M.R., et al. RNA 13(8):1328-1340(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	332801090
NCBI GeneID	9987
NCBI Accession #	NP_001193929.1; NP_112740.1
NCBI GenBank Nucleotide #	NM_001207000.1
UniProt Accession #	O14979; Q6SPF2; Q7KZ74; Q7KZ75; Q96IM0; Q96S43
Molecular Weight	46438
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein D-like isoform b
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein D-like
NCBI Official Symbol	HNRNPDL
NCBI Official Synonym Symbols	HNRNP; JKTBP; HNRPDL; JKTBP2; LGMD1G; laAUF1
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein D-like
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein D-like
UniProt Gene Name	HNRNPDL
UniProt Synonym Gene Names	HNRPDL; JKTBP; hnRNP D-like; hnRNP DL
UniProt Entry Name	HNRDL_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/hnrpdl-antibody-western-blot-elisa/285993>