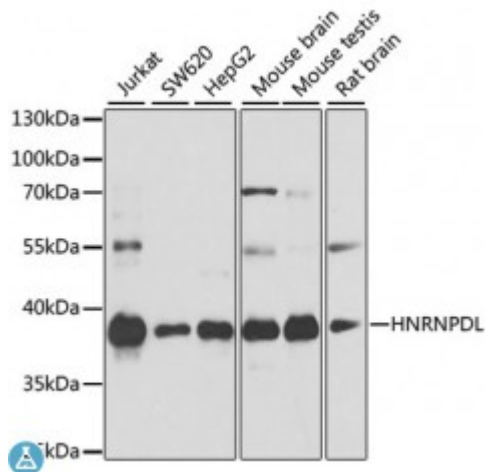


Anti-HNRNPDL Antibody



Description

This gene 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 encoded by this gene has two RRM domains that bind to RNAs. Three alternatively spliced transcript variants have been described for this gene. One of the variants is probably not translated because the transcript is a candidate for nonsense-mediated mRNA decay. The protein isoforms encoded by this gene are similar to its family member HNRPD.

Model	STJ113683
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 261-420 of human HNRNPDL (NP_112740.1).
Gene ID	9987
Gene Symbol	HNRNPDL
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	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

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Heterogeneous nuclear ribonucleoprotein D-like hnRNP D-like hnRNP DL AU-rich element RNA-binding factor JKT41-binding protein Protein laAUF1
Molecular Weight	46.438 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5037OMIM:607137Reactome:R-HSA-8950505
Alternative Names	Heterogeneous nuclear ribonucleoprotein D-like hnRNP D-like hnRNP DL AU-rich element RNA-binding factor JKT41-binding protein Protein laAUF1
Function	Acts as a transcriptional regulator, Promotes transcription repression, Promotes transcription activation in differentiated myotubes , Binds to double- and single-stranded DNA sequences, Binds to the transcription suppressor CATR sequence of the COX5B promoter , 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 Localization	Nucleus
Post-translational Modifications	Dimethylation of Arg-408 is probably of the asymmetric type