



hnRNP DL Polyclonal Antibody

Catalog No	YP-Ab-01804
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	HNRPDL
Immunogen	The antiserum was produced against synthesized peptide derived from human HNRPDL. AA range:241-290
Specificity	hnRNP DL Polyclonal Antibody detects endogenous levels of hnRNP DL protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AU-rich element RNA-binding factor;Heterogeneous nuclear ribonucleoprotein D-like;HNRNP;hnRNP D like;hnRNP DL;HNRPDL;JKTBP;hnRNP D-like;JKT41-binding protein;Protein laAUF1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus . Cytoplasm . Shuttles between the nucleus and the cytoplasm in a TNPO1-dependent manner. .
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.
Function	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., induction: Up-regulated by 12-O-tetradecanoylphorbol 13-acetate (TPA) in macrophages and retinoic acid (RA) in granulocytes (at protein level). Down-regulated by interleukin-4 (IL-4)., PTM: Dimethylation of Arg-408 is probably of the asymmetric type., similarity: Contains 2

Background

heterogeneous nuclear ribonucleoprotein D like (HNRNPDL) Homo sapiens 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

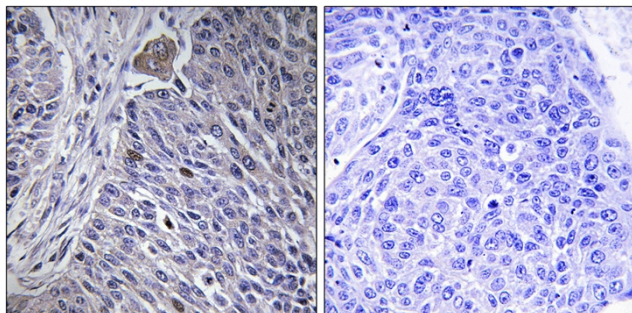
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using HNRNPDL Antibody. The picture on the right is blocked with the synthesized peptide.