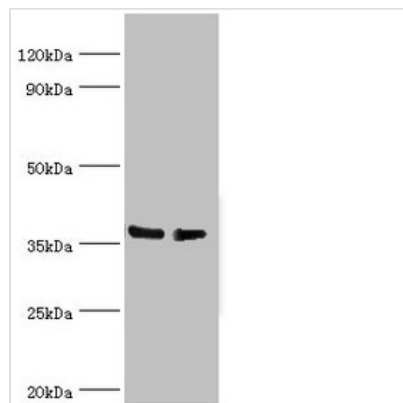




HNRNPD Antibody

Product Code	CSB-PA618874DSR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q14103
Immunogen	Recombinant Human Heterogeneous nuclear ribonucleoprotein D0 protein (1-306AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:1000, IHC:1:20-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Heterogeneous nuclear ribonucleoprotein D0 (hnRNP D0) (AU-rich element RNA-binding protein 1), HNRNPD, AUF1 HNRPD
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	HNRNPD
Image	



Western blot

All lanes: HNRNPD antibody at 4 μ g/ml

Lane 1: Hela whole cell lysate

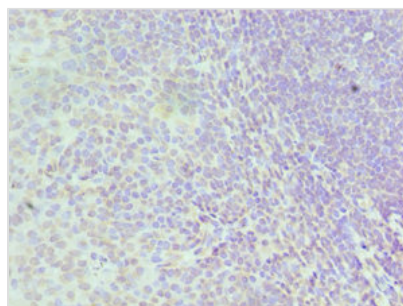
Lane 2: 293T whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 39, 37, 33, 31 kDa

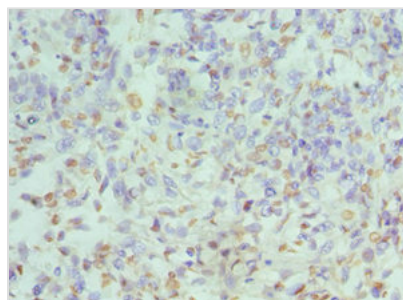
Observed band size: 39 kDa



Immunohistochemistry of paraffin-embedded

human tonsil tissue using CSB-

PA618874DSR1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded

human endometrial cancer using CSB-

PA618874DSR1HU at dilution of 1:100