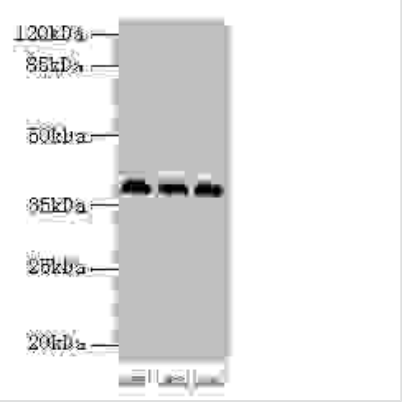
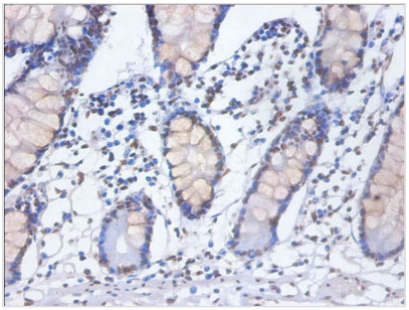
HNRNPD Antibody

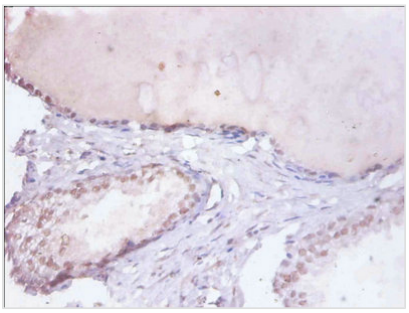
Product Code	CSB-PA02544A0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q14103
Immunogen	Recombinant Human Heterogeneous nuclear ribonucleoprotein D0 protein (18-355AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:1000-1:5000, 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 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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G 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 2µg/ml
Lane 1: 293T whole cell lysate
Lane 2: Hela whole cell lysate
Lane 3: Jurkat 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 small intestine tissue using CSB-PA02544A0Rb at dilution of 1:100



Immunohistochemistry of paraffin-embedded human prostate tissue using CSB-PA02544A0Rb at dilution of 1:100