

Anti-Phospho-HNRPD (Ser83) Polyclonal Antibody

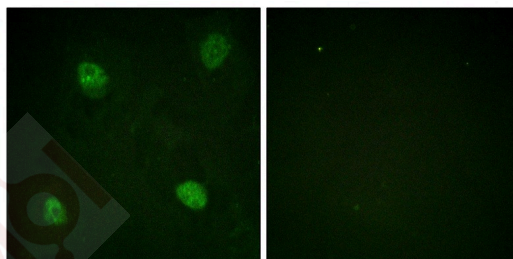
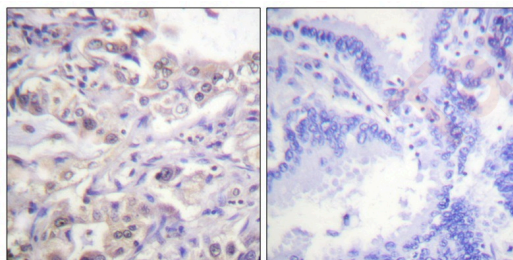
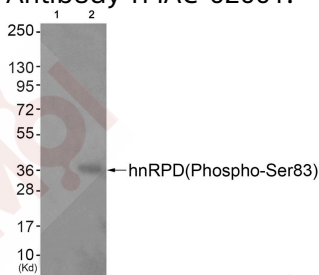
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 38 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from JK cells (Lane 2), using hnRPD (Phospho-Ser83) Antibody TMAC-02001. The lane on the left is treated with antigen-specific peptide.
2. Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using hnRPD (Phospho-Ser83) antibody TMAC-02001 (left) or the same antibody preincubated with blocking peptide (right).
3. Immunofluorescence staining of methanol-fixed HeLa cells using hnRPD (Phospho-Ser83) Antibody TMAC-02001.



Application: IF,IHC,WB

Recommended WB: 1:500-1000; IHC: 1:50-100; IF: 1:100-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide sequence around phosphorylation site of Serine 83(N-S-S(p)-P-R) derived from Human hnRPD

Antigen Species: Human

Uniprot ID: Q14103

Synonyms: HNRPD (p-Ser83);p-HNRPD (S83);p-HNRPD (Ser83);HNRPD (p-S83)

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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