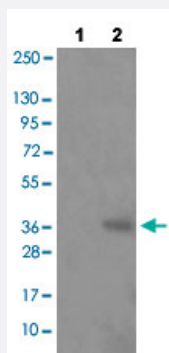


HNRNPD (phospho S83) polyclonal antibody

Catalog # PAB29280

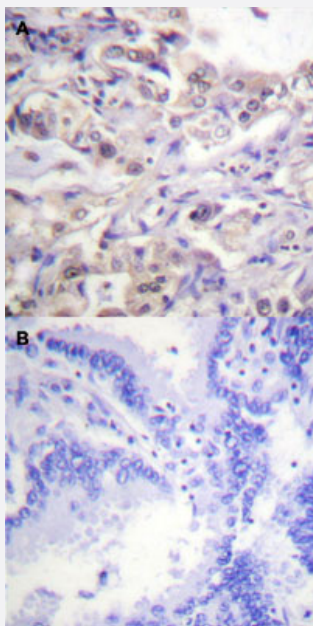
Size 100 uL

Applications



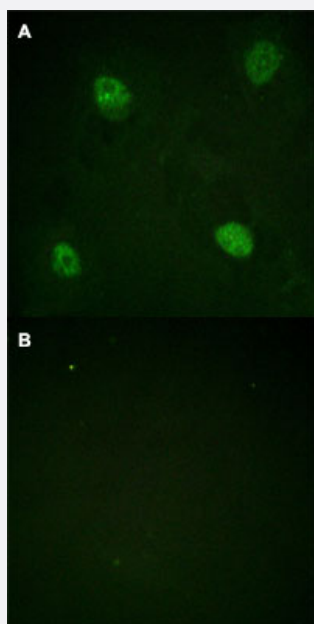
Western Blot (Cell lysate)

Western blot analysis of Lane 1: antigen-specific peptide treated JK cells, Lane 2: JK cells with HNRNPD (phospho S83) polyclonal antibody (Cat# PAB29280) at 1:500-1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung cancer tissue with HNRNPD (phospho S83) polyclonal antibody (Cat# PAB29280) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells with HNRNPD (phospho S83) polyclonal antibody (Cat# PAB29280) without blocking peptide (A) or preincubated with blocking peptide (B) at 1:100-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human HNRNPD.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S83 of human HNRNPD.
Host	Rabbit
Theoretical MW (kDa)	38
Reactivity	Human, Mouse, Rat
Specificity	HNRNPD (phospho S83) polyclonal antibody detects endogenous levels of human HNRNPD only when phosphorylated at serine 83.
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunofluorescence (1:100~1:200) Immunohistochemistry (1:50~1:100) Western Blot (1:500~1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: antigen-specific peptide treated JK cells, Lane 2: JK cells with HNRNPD (phospho S83) polyclonal antibody (Cat# PAB29280) at 1:500-1:1000 dilution.

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- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells with HNRNPD (phospho S83) polyclonal antibody (Cat# PAB29280) without blocking peptide (A) or preincubated with blocking peptide (B) at 1:100-1:200 dilution.

Gene Info — HNRNPD

Entrez GeneID [3184](#)

Protein Accession# [Q14103](#)

Gene Name HNRNPD

Gene Alias AUF1, AUF1A, HNRPD, P37, hnRNP0

Gene Description heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)

Omim ID [601324](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid 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 repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants. [provided by RefSeq]

Other Designations

ARE-binding protein AUF1, type A|AU-rich element RNA-binding protein 1|heterogeneous nuclear ribonucleoprotein D|heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA-binding protein 1, 37kD)
