



hnRNP K (phospho Ser284) Monoclonal Antibody

Catalog No BYmab-01309 Isotype IgG Reactivity Human;Mouse;Rat;Monkey Applications WB Gene Name HNRNPK Protein Name Heterogeneous nuclear ribonucleoprotein K Immunogen The antiserum was produced against synthesized peptide derived from human hnRNP K around the phosphorylation site of Ser284. AA range:250-299 Specificity Phospho-hnRNP K (S284) Monoclonal Antibody detects endogenous levels of hnRNP K protein only when phosphorylated at \$284. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms HNRNPK; HNRPK; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; Transformation up-regulated nuclear protein; TUNP Observed Band 51kD Cell Pathway Cytoplasm . Nucleus, nucleoplasm . Cell projection, podosome . Recruited to p53/TP53 responsive promoters, in the presence of functional p53/TP53 (PubMed: d580036) in . cas		
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ทเ	ɪclear.,subunit:Interacts with RBM42 and ZIK1 (By similarity). Identified in the
sp	bliceosome C complex, at least composed of AQR, ASCC3L1, C19orf29,
ĊΙ	DC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35,
	HX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3,
	NRPC, HNRPF, HNRPH1, HNRNPK, HNR

Background

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 is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. It is distinct among other hnRNP proteins in its binding preference; it binds tenaciously to poly(C). This protein is also thought to have a role during cell cycle progession. Several alternatively spliced transcript variants have

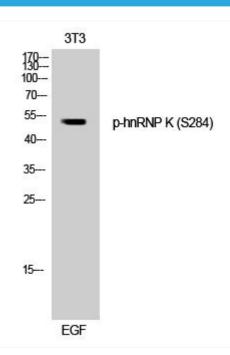
matters needing attention

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



Western Blot analysis of various cells using hnRNP K (phospho Ser284) Monoclonal Antibody

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