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Product datasheet for TA327942

hnRNP K (HNRNPK) Mouse Monoclonal Antibody [Clone ID: F45P9C7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F45P9C7
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse, Rat, Rabbit, Chicken
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Ovalbumin-conjugated synthetic Peptide SVKQYSGKFF
Formulation:	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide at 0.5 mg/ml.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51 kD
Gene Name:	heterogeneous nuclear ribonucleoprotein K
Database Link:	NP_002131 Entrez Gene 15387 MouseEntrez Gene 117282 RatEntrez Gene 3190 Human P61978

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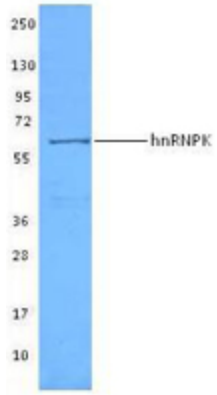
Background: hnRNP K (Heterogeneous nuclear ribonucleoprotein K) is a pre-mRNA binding protein and a component of hnRNP complexes providing substrate for pre-mRNA processing before becoming translatable mRNAs in cytoplasm. This protein containing KH domains and is ubiquitously expressed in the cytoplasm and the nucleus with a predicted molecular weight approximately 51 kD. hnRNP K expression and function are increased by epidermal growth factor (EGF). hnRNP K acts as transcriptional regulator and functions in nucleocytoplasmic shuttling, and is modified by phosphorylation (PKC δ, c-Src) and acetylation. Clone F45P9C7 has been shown to be useful for western blotting and immunohistochemistry of human, mouse, rat, rabbit and chicken hnRNP K.

Synonyms: CSBP; HNRPK; TUNP

Protein Pathways: Spliceosome

Product images:



HeLa cell extracts were resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-hnRNPK antibody (clone F45P9C7). Proteins were visualized using a goat anti-mouse-IgG secondary conjugated to HRP and chemiluminescence detection.