ELK Biotechnology

hnRNP K (phospho Ser216) rabbit pAb

Cat No.:ES5758

For research use only

Overview

Product Name	hnRNP K (phospho Ser216) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human hnRNP K (phospho Ser216)
Specificity	Phospho-hnRNP K (S216) Polyclonal Antibody detects endogenous levels of hnRNP K protein only when phosphorylated at S216.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	Heterogeneous nuclear ribonucleoprotein K
Gene Name	HNRNPK
Cellular localization	Cytoplasm . Nucleus, nucleoplasm . Cell projection, podosome . Recruited to p53/TP53-responsive promoters, in the presence of functional p53/TP53 (PubMed:16360036). In case of ASFV infection, there is a shift in the localization which becomes predominantly nuclear (PubMed:18775702).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	3190
Human Swiss-Prot Number	P61978
Alternative Names	HNRNPK; HNRPK; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; Transformation

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Background

up-regulated nuclear protein; TUNP
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