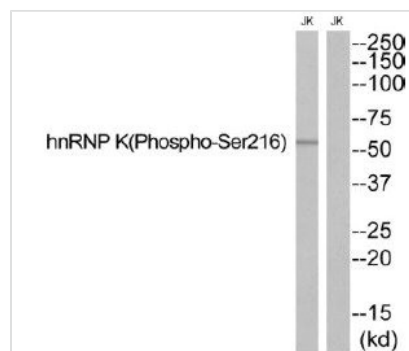




Phospho-HNRNPK (Ser216) Antibody

Product Code	CSB-PA049174
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P61978
Immunogen	Peptide sequence around phosphorylation site of serine 216 (S-E-S(p)-P-I) derived from Human hnRNP K.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of hnRNP K only when phosphorylated at serine 216.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA. Plays an important role in p53/TP53 response to DNA damage, acting at the level of both transcription activation and repression. When sumoylated, acts as a transcriptional coactivator of p53/TP53, playing a role in p21/CDKN1A and 14-3-3 sigma/SFN induction By similarity. As far as transcription repression is concerned, acts by interacting with long intergenic RNA p21 (lincRNA-p21), a non-coding RNA induced by p53/TP53. This interaction is necessary for the induction of apoptosis, but not cell cycle arrest.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	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 usi
Clonality	Polyclonal
Alias	Heterogeneous nuclear ribonucleoprotein K;hnRNP K;Transformation up-regulated nuclear protein; TUNP
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	HNRNPK
Image	



Western blot analysis of extracts from JurKat cells, using hnRNP K (Phospho-Ser216) antibody. The lane on the right is treated with the synthesized peptide.

Product Modify

Phospho-Ser216