



Rabbit Anti-phospho-hnRNP K (Ser284) antibody

SL17334R

Product Name:	phospho-hnRNP K (Ser284)
Chinese Name:	磷酸化异质核糖核蛋白K抗体
Alias:	hnRNP K (phospho S284); p-hnRNP K (phospho S284); CSBP; dC stretch binding protein; FLJ41122; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; HNRNPK; HNRPK; HNRPK_HUMAN; Transformation up regulated nuclear protein; Transformation up-regulated nuclear protein; Transformation upregulated nuclear protein; TUNP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	51kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human hnRNP K around the phosphorylation site of Ser284:DM(p-S)PR
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 progression. Several alternatively spliced transcript variants have been described for this gene, however, not all of them are fully characterized. [provided by RefSeq, Jul 2008]

Function:

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.

Subcellular Location:

Cytoplasm. Nucleus > nucleoplasm. In case of ASFV infection, there is a shift in the localization which becomes predominantly nuclear.

Post-translational modifications:

Arg-296 and Arg-299 are dimethylated, probably to asymmetric dimethylarginine.

Similarity:

Contains 3 KH domains.

SWISS:

P61978

Gene ID:

3190

Database links:

[Entrez Gene: 3190](#) Human

[Entrez Gene: 15387](#) Mouse

[Omim: 600712](#) Human

[SwissProt: P61978](#) Human

[SwissProt: P61979](#) Mouse

[Unigene: 522257](#) Human

[Unigene: 142872](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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