

hnRNP K Rabbit mAb

Catalog No: #52342

Package Size: #52342-1 50ul #52342-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

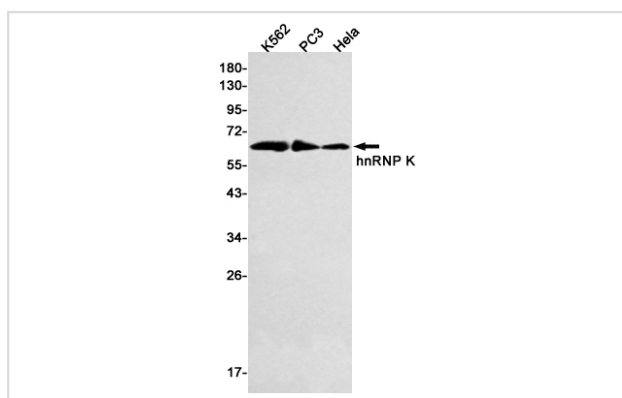
Description

Product Name	hnRNP K Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-5H0
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human hnRNP K
Conjugates	Unconjugated
Modification	Unmodification
Other Names	AUKS; CSBP; TUNP; HNRPK
Accession No.	Swiss-Prot:P61978GenelD:3190
Uniprot	P61978
GenelD	3190
Calculated MW	Calculated MW: 51 kDa; Observed MW: 62 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

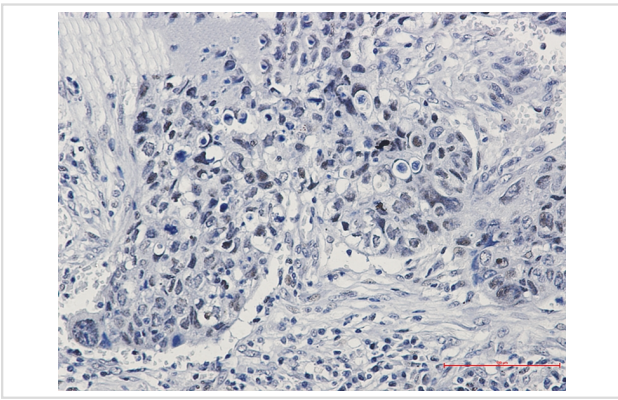
Application Details

WB: 1/1000-1/5000; IHC: 1/20-1/50

Images



Western blot detection of hnRNP K in K562,PC3,HeLa cell lysates using hnRNP K Rabbit mAb(1:500 diluted).Predicted band size:51kDa.Observed band size:62kDa.



Immunohistochemistry of hnRNP K in paraffin-embedded Human lung cancer tissue using hnRNP K Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.P61978. 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. 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.

Note: This product is for in vitro research use only