

Product Name: hnRNP K Rabbit Monoclonal Antibody
Antibody
Catalog #: AMRe85666



Summary

Production Name	hnRNP K Rabbit Monoclonal Antibody Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC,ICC
Reactivity	Human,Mouse,Rat,Hamster

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%BSA and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	hnRNP K
Alternative Names	HNRNPK; HNRPK; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; Transformation up-regulated nuclear protein; TUNP
Gene ID	3190.0
SwissProt ID	P61978.A synthetic peptide of human hnRNP K

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 51 kDa; Observed MW: 58 kDa

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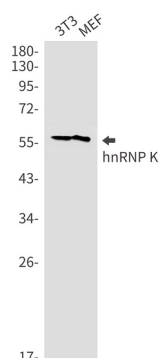


Background

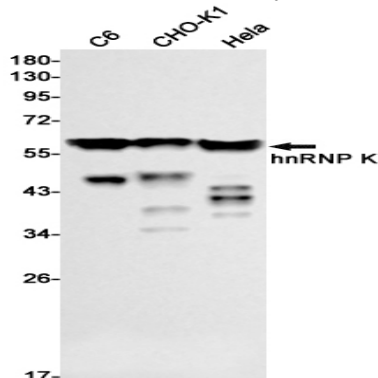
Facilitate pre-mRNA processing and transport of mRNA from the nucleus to cytoplasm. hnRNP K contains three unique structural motifs termed KH domains that bind poly(C) DNA and RNA sequences. Intricate architecture enables hnRNP K to facilitate mRNA biosynthesis, transcriptional regulation, and signal transduction. Research studies have shown that cytoplasmic hnRNP K expression is increased in oral squamous cell carcinoma and pancreatic cancer, and may be a potential prognostic factor.

Research Area

Image Data

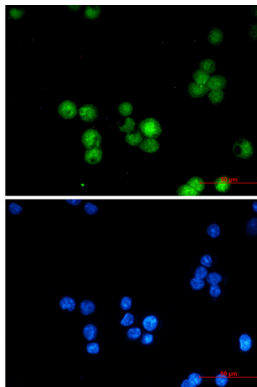


Western blot analysis of hnRNP K in 3T3, MEF lysates using hnRNP K antibody.

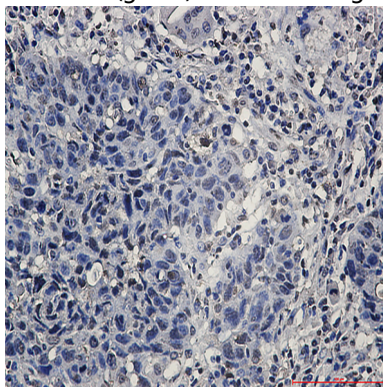


Western blot analysis of hnRNP K in C6, CHO-K1, HeLa lysates using hnRNP K antibody.

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Immunocytochemistry analysis of hnRNP K (green) in MCF-7 using hnRNP K antibody, and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using hnRNP K antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.