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**Product Name: hnRNP K Rabbit Monoclonal Antibody****Catalog #: AMRe02107**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat,Hamster
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.45mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

<b>Gene Name</b>	HNRNPK
<b>Alternative Names</b>	HNRNPK; HNRPK; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; Transformation up-regulated nuclear protein; TUNP
<b>Gene ID</b>	3190
<b>SwissProt ID</b>	P61978
<b>Immunogen</b>	A synthetic peptide of human hnRNP K

**Background**

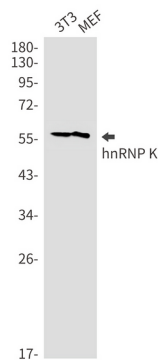
Facilitate pre-mRNA processing and transport of mRNA from the nucleus to cytoplasm. hnRNP K contains three unique

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.

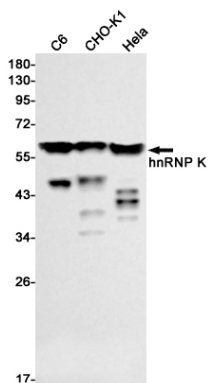
## Research Area

Epigenetics and Nuclear Signaling

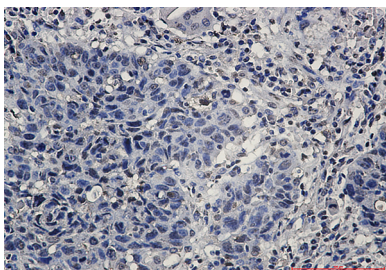
## Image Data



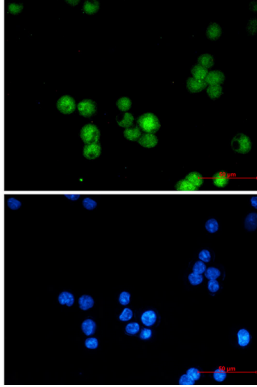
Western blot analysis of hnRNP K in 3T3, MEF lysates using hnRNP K antibody.



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



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.



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