HNRNP K RABBIT MAB

Cat.#: N262351

Product Name: Anti-hnRNP K Rabbit Monoclonal Antibody

Synonyms: HNRNPK; HNRPK; Heterogeneous nuclear ribonucleoprotein K; hnRNP K; Transformation up-regulated nuclear protein; TUNP

UNIPROT ID: P61978

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.

Immunogen: A synthetic peptide of human hnRNP K

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R07-0A0

MW: Calculated MW: 51 kDa; Observed MW: 58 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat,Hamster

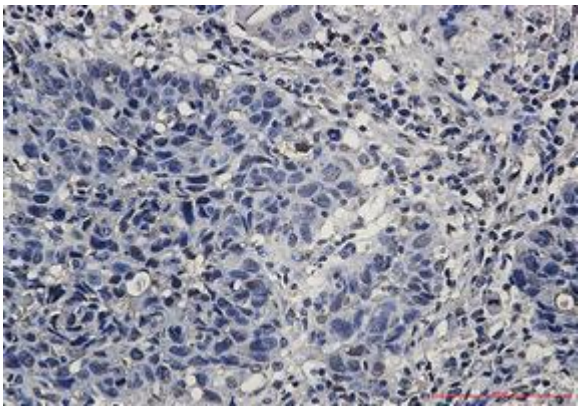
Conjugation: Unconjugated

Modification: Unmodified

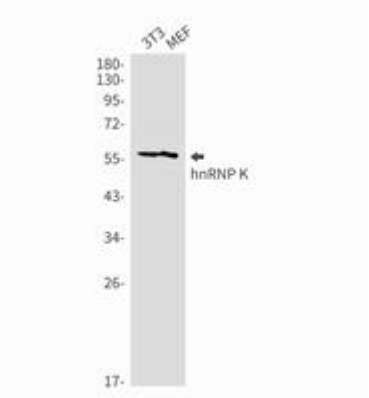
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

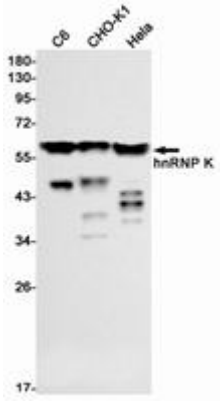
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



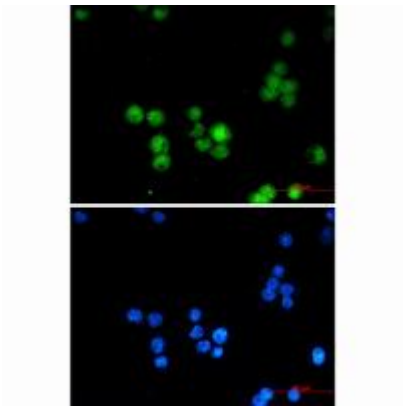
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using hnRNP K antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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.



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