

# hnRNP K Rabbit mAb

Catalog No.: A0772 **Recombinant**

## Basic Information

**Observed MW**

58-62kDa

**Calculated MW**

49kDa/51kDa

**Category**

Primary antibody

**Applications**

ELISA,WB,IHC-P,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC0512

## Background

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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:500 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

**Gene ID**

3190

**Swiss Prot**

P61978

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human hnRNP K (P61978).

**Synonyms**

AUKS; CSBP; TUNP; HNRPK; hnRNP K

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

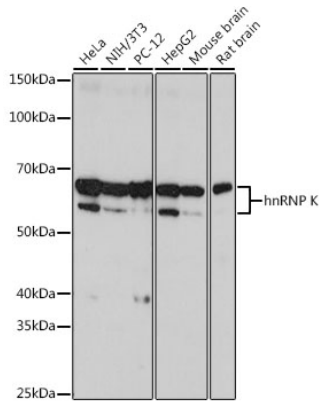
Affinity purification

**Storage**

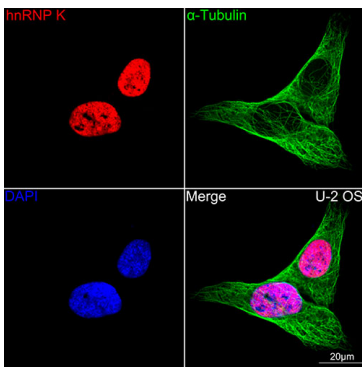
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

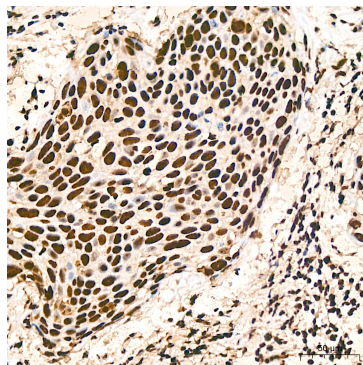
## Validation Data



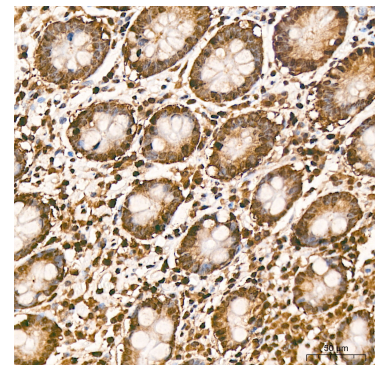
Western blot analysis of extracts of various cell lines, using hnRNP K antibody (A0772) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



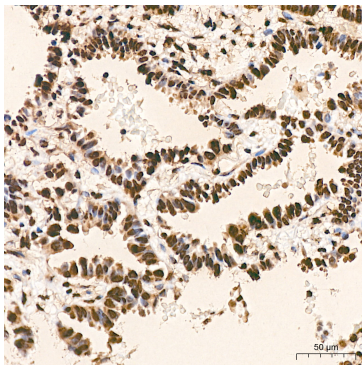
Confocal imaging of U-2 OS cells using hnRNP K Rabbit mAb (A0772, dilution 1:100) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.



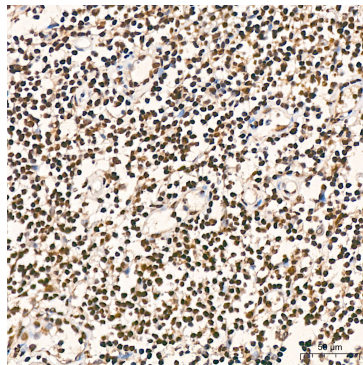
Immunohistochemistry analysis of hnRNP K in paraffin-embedded human cervix cancer tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



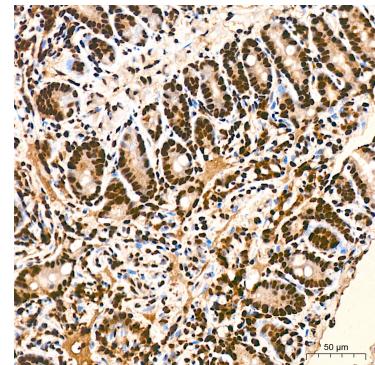
Immunohistochemistry analysis of hnRNP K in paraffin-embedded human colon tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of hnRNP K in paraffin-embedded Human lung adenocarcinoma tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

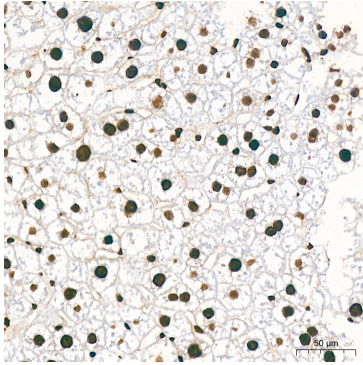


Immunohistochemistry analysis of hnRNP K in paraffin-embedded human tonsil tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

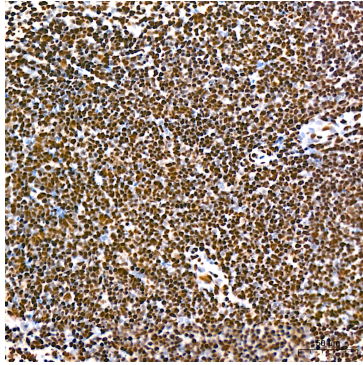


Immunohistochemistry analysis of hnRNP K in paraffin-embedded mouse colon tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

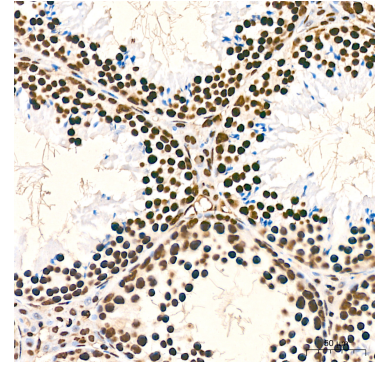
## Validation Data



Immunohistochemistry analysis of hnRNP K in paraffin-embedded mouse liver tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



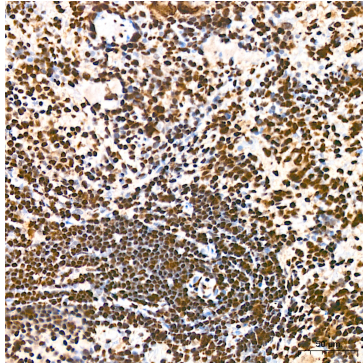
Immunohistochemistry analysis of hnRNP K in paraffin-embedded mouse spleen tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of hnRNP K in paraffin-embedded mouse testis tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of hnRNP K in paraffin-embedded rat colon tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of hnRNP K in paraffin-embedded rat spleen tissue using hnRNP K Rabbit mAb (A0772) at a dilution of 1:800 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.