

HNRNPK Polyclonal Antibody

Catalog No: tcba6878



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Research Area:

RNA Binding Protein(RBP),

Species Reactivity:

Human,Mouse,Rat

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

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

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

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

Alternative Names:

AUKS;CSBP;HNRPK;TUNP

SwissProt:

P61978

Gene ID:

3190 (human);

Calculated Molecular Weight:

48kDa/50kDa/51kDa

Purification:

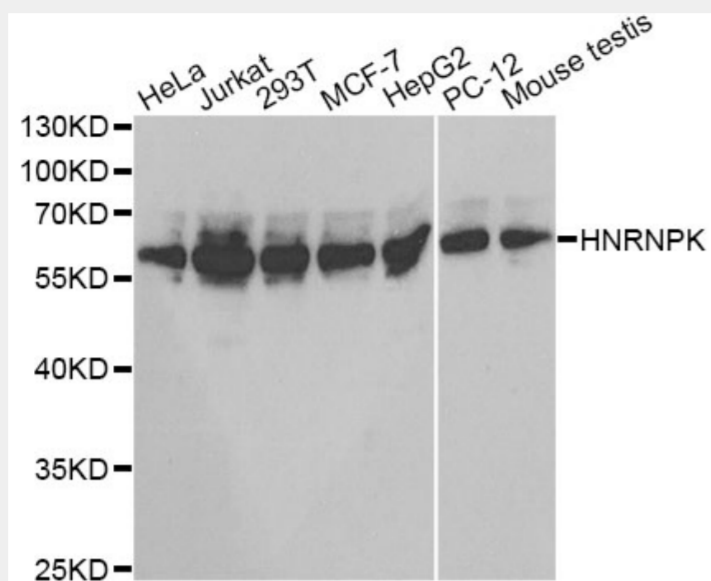
Affinity purification

Cellular Location:

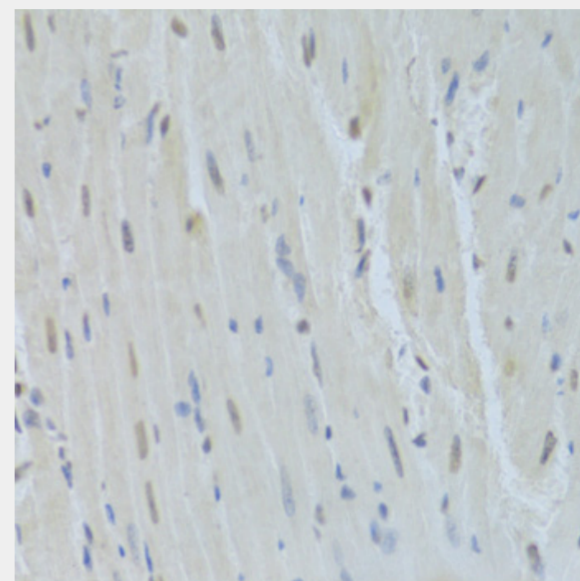
Cell projection,Cytoplasm,Nucleus,nucleoplasm,podosome,

Product Description

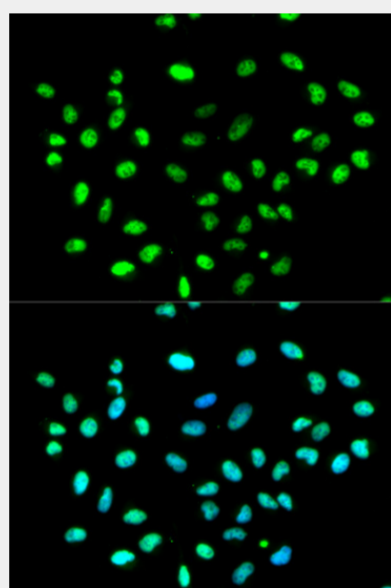
This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing 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.



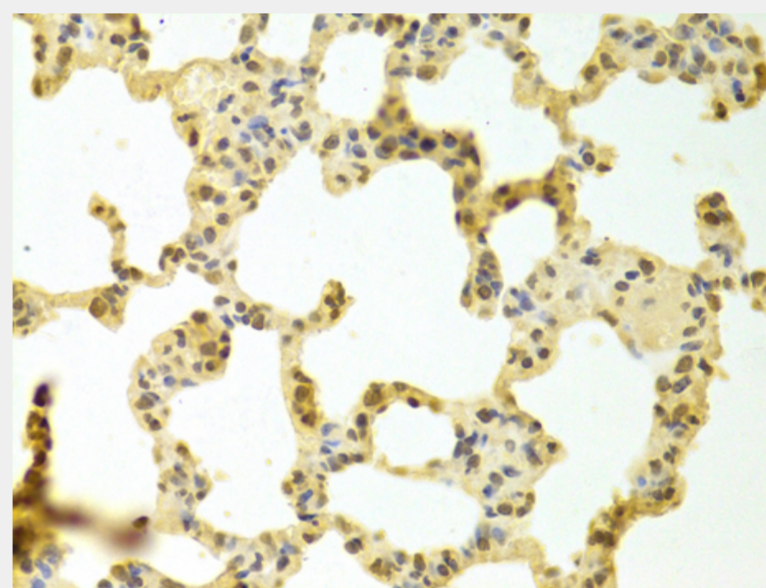
Western blot analysis of extracts of various cell lines, using HNRNPk antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



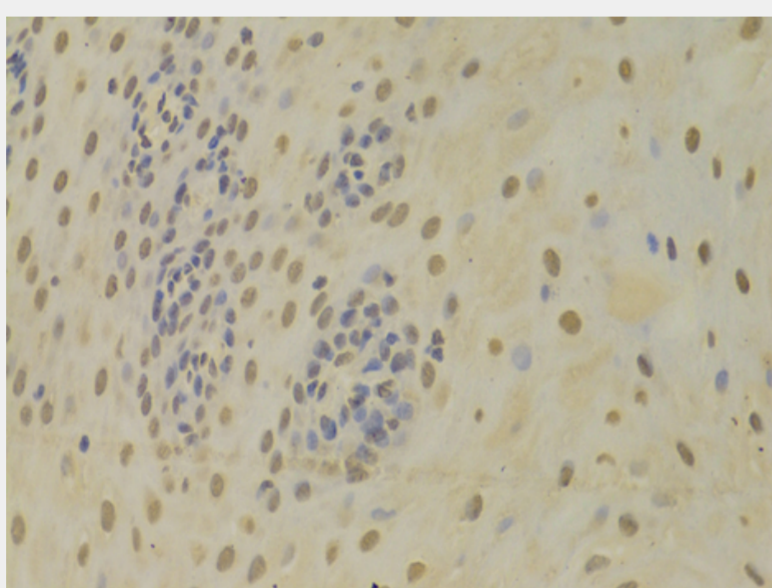
Immunohistochemistry of paraffin-embedded mouse heart using HNRNPk Antibody at dilution of 1:200 (40x lens).



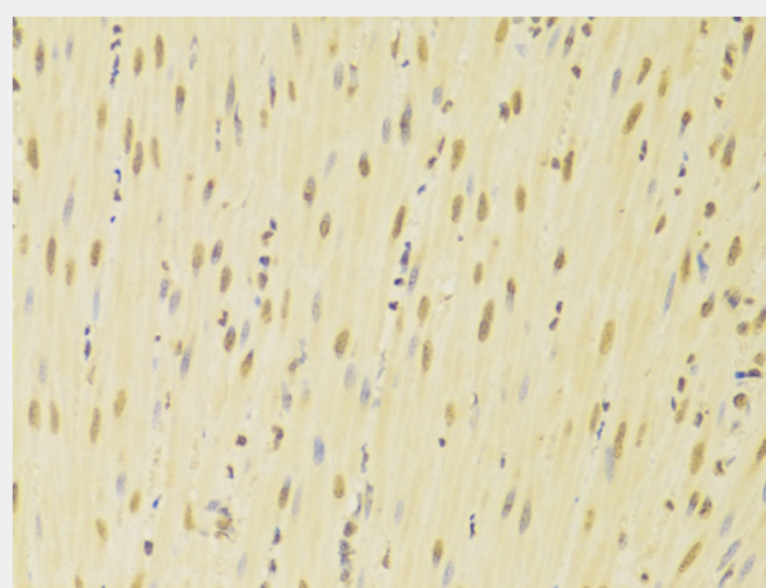
Immunofluorescence analysis of MCF-7 cells using HNRNPk antibody. Blue: DAPI for nuclear staining.



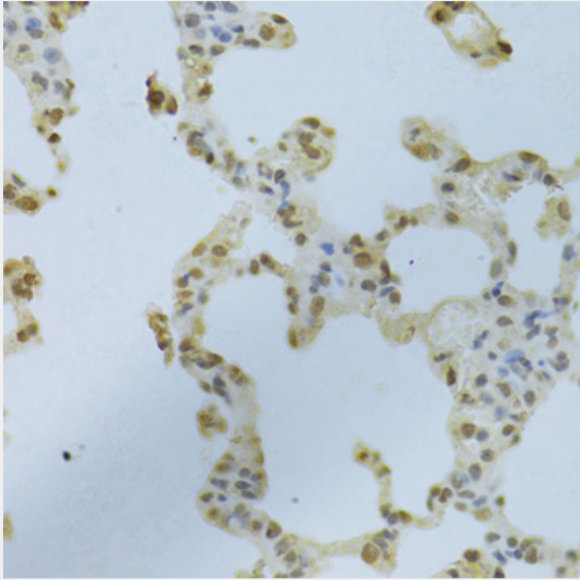
Immunohistochemistry of paraffin-embedded rat lung using HNRNPk Antibody at dilution of 1:100 (40x lens).



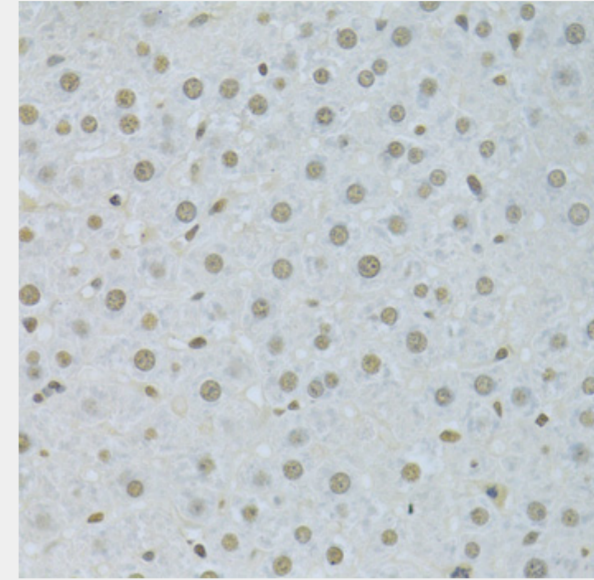
Immunohistochemistry of paraffin-embedded human esophagus using HNRNPk Antibody at dilution of 1:100 (40x lens).



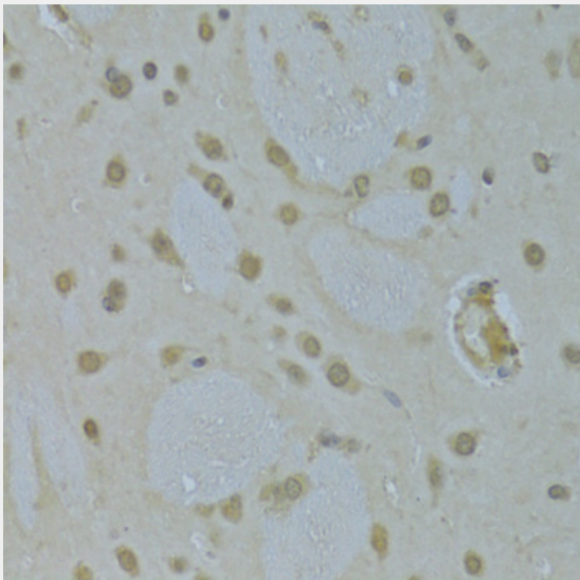
Immunohistochemistry of paraffin-embedded mouse heart using HNRNPk Antibody at dilution of 1:100 (40x lens).



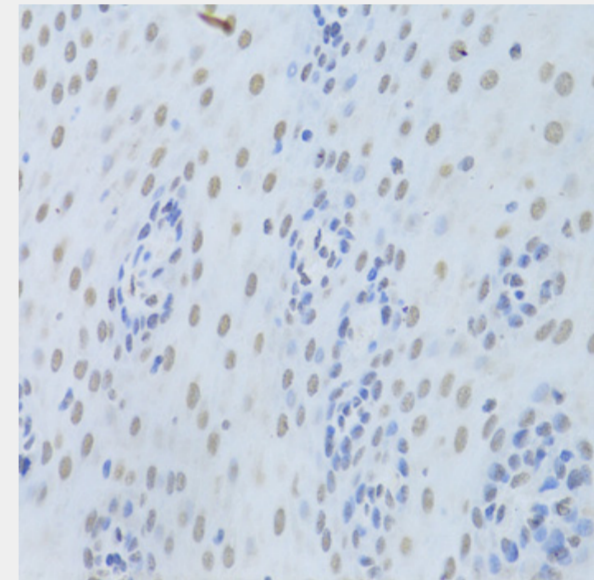
Immunohistochemistry of paraffin-embedded rat lung using HNRNPK Antibody at dilution of 1:200 (40x lens).



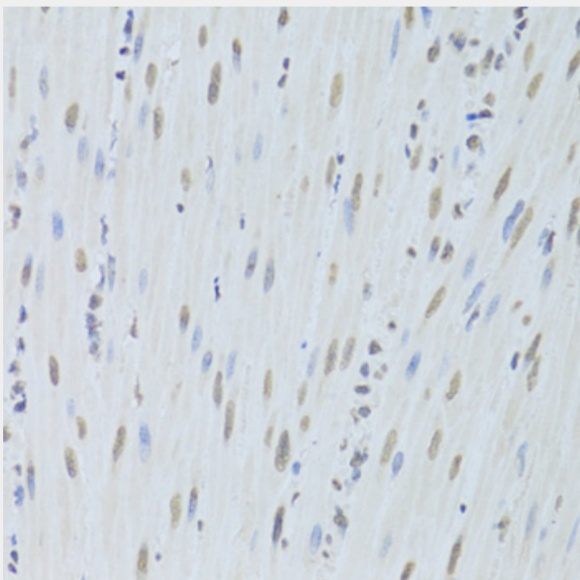
Immunohistochemistry of paraffin-embedded rat liver using HNRNPK Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using HNRNPK Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using HNRNPK Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse esophagus using HNRNPK Antibody at dilution of 1:200 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!