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Datasheet for ABIN7267634 anti-HNRNPK antibody

Images



Overview

| Quantity: | 100 µL |
|--------------|--|
| Target: | HNRNPK |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This HNRNPK antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| Purpose: | hnRNP K Rabbit mAb |
|-------------------|--|
| Immunogen: | A synthesized peptide derived from human hnRNP K |
| lsotype: | lgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Monoclonal Antibodies |
| Purification: | Affinity purification |

Target Details

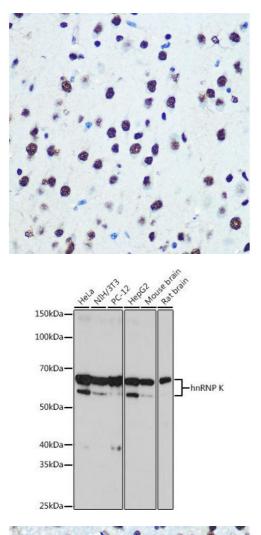
| Target: | HNRNPK |
|-------------------|--|
| Alternative Name: | HNRNPK (HNRNPK Products) |
| Background: | This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear |

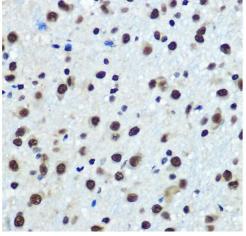
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| | ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with |
|---------------------|--|
| | heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the |
| | nucleus and appear to influence 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 progession. Several alternatively spliced transcript variants have been |
| | described for this gene, however, not all of them are fully characterized. [provided by RefSeq, |
| | Jul 2008],AUKS, CSBP, HNRPK, TUNP,Epigenetics & Nuclear Signaling,RNA Binding,HNRNPK |
| Molecular Weight: | 60kDa |
| Gene ID: | 3190 |
| UniProt: | P61978 |
| | |
| Application Details | |

| Application Notes: | WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200 |
|--------------------|--|
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

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Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse brain using hnRNP K Rabbit mAb (ABIN7267634) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using hnRNP K antibody (ABIN7267634) at 1:2000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat brain using hnRNP K Rabbit mAb (ABIN7267634) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 7 images are available for ABIN7267634.

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