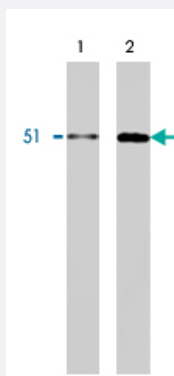


HNRNPK monoclonal antibody, clone F45 P9 C7

Catalog # MAB1891

Size 200 ug

Applications



Western Blot (Cell lysate)

Western blot using HNRNPK monoclonal antibody, clone F45 P9 C7 (Cat # MAB1891) on Calu-6 (1) and HT-29 (2) cell lysates.

Specification

Product Description

Mouse monoclonal antibody raised against synthetic peptide of HNRNPK.

Immunogen

A synthetic peptide corresponding to C-terminus of human HNRNPK.

Host

Mouse

Reactivity

Chicken, Human, Mouse, Rabbit, Rat

Form

Liquid

Isotype

IgG1

Quality Control Testing

Antibody Reactive Against Synthetic Peptide.

Recommend Usage

Western Blot (1-2 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS (0.08% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot using HNRNPK monoclonal antibody, clone F45 P9 C7 (Cat # MAB1891) on Calu-6 (1) and HT-29 (2) cell lysates.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — HNRNPK

Entrez GeneID [3190](#)

Gene Name HNRNPK

Gene Alias CSBP, FLJ41122, HNRPK, TUNP

Gene Description heterogeneous nuclear ribonucleoprotein K

Omim ID [600712](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations OTTHUMP00000021554|OTTHUMP00000021557|OTTHUMP00000021558|dC-stretch binding protein|transformation upregulated nuclear protein

Publication Reference

- [Heterogeneous nuclear ribonucleoprotein K is over expressed, aberrantly localised and is associated with poor prognosis in colorectal cancer.](#)

Carpenter B, McKay M, Dundas SR, Lawrie LC, Telfer C, Murray GI.

British Journal of Cancer 2006 Oct; 95(7):921.

Application: IHC, WB, Human, HT-29 cells, Human colorectal cancer

- [Heterogeneous nuclear ribonucleoprotein K modulates angiotensinogen gene expression in kidney cells.](#)

Wei CC, Zhang SL, Chen YW, Guo DF, Ingelfinger JR, Bomsztyk K, Chan JS.

The Journal of Biological Chemistry 2006 Sep; 281(35):25344.

Application: ChIP, WB, Rat, Rat renal proximal tubular cells

- [The diverse involvement of heterogeneous nuclear ribonucleoprotein K in mitochondrial response to insulin.](#)

Dzwonek A, Mikula M, Ostrowski J.

FEBS Letters 2006 Mar; 580(7):1839.

Application: WB, Rat, HTC-IR cells