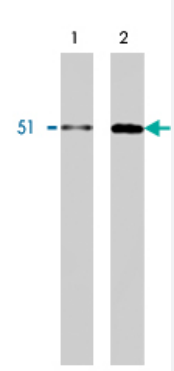
HNRNPK monoclonal antibody, clone F45 P9 C7

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.

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

Applications

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

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 ribonucleopr oteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nu clear 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 cyto plasm. 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 splice d transcript variants have been described for this gene, however, not all of them are fully character ized. [provided by RefSeq
Other Designations	OTTHUMP00000021554|OTTHUMP00000021557|OTTHUMP00000021558|dC-stretch binding protein|transformation upregulated nuclear protein

Publication Reference

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- 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

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