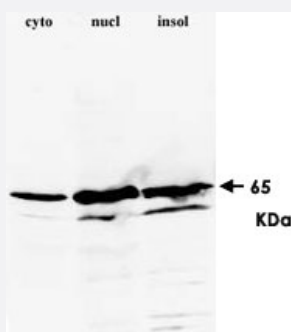


HNRNPK monoclonal antibody, clone 3C2

Catalog # MAB2478 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot for HNRNPK monoclonal antibody, clone 3C2 (Cat # MAB2478) on HeLa cell extracts.

Specification

Product Description	Mouse monoclonal antibody raised against HNRNPK.
Immunogen	Human HNRNPK.
Host	Mouse
Theoretical MW (kDa)	65
Reactivity	Bovine, Clawed frog, Hamster, Human, Rat
Specificity	Detects a band of approximately 65 KDa.
Form	Liquid
Isotype	IgG2b
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

Storage Instruction

Store at 4°C. For long term storage 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 for HNRNPK monoclonal antibody, clone 3C2 (Cat # MAB2478) on HeLa cell extracts.

- Immunofluorescence

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

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

- [Involvement of Hu and heterogeneous nuclear ribonucleoprotein K in neuronal differentiation through p21 mRNA post-transcriptional regulation.](#)

Yano M, Okano HJ, Okano H.

The Journal of Biological Chemistry 2005 Apr; 280(13):12690.

Application: WB-Ce, WB-Ti, Human, 293T, PC12 cells

- [Characterization and primary structure of the poly\(C\)-binding heterogeneous nuclear ribonucleoprotein complex K protein.](#)

Matunis MJ, Michael WM, Dreyfuss G.

Molecular and Cellular Biology 1992 Jan; 12(1):164.

Application: IF, IP, WB-Re, WB-Ti, Bovine, Hamster, Human, HeLa cells, Kidney, Purified proteins