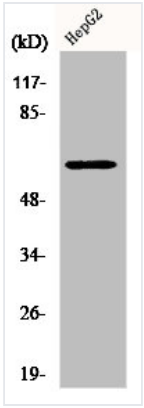
HNRNPK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HNRNPK, Polyclonal Antibody
Full Product Name	HNRNPK Antibody
Product Gene Name	anti-HNRNPK antibody
Product Synonym Names	HNRNPK; HNRPK; Heterogeneous Nuclear riboNucleoprotein K; hnRNP K; Transformation up-regulated Nuclear protein; TUNP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	50,976 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (86582998..86595569, complement). Location: 9q21.32-q21.33
OMIM	600712
3D Structure	ModBase 3D Structure for P61978
Immunogen	Synthesized peptide derived from human hnRNP K around the non-phosphorylation site of S284.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-HNRNPK antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HNRNPK antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-HNRNPK antibody	WB: 1:500-1:2000 IHC: 1:100-1:300 ELISA: 1:40000
Related Product Information for anti-HNRNPK antibody	MBS7116458 is an antibody targeting HNRNPK. Also known as HNRNPK Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-HNRNPK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-HNRNPK antibody
Western Blot analysis of HuvEc cells using hnRNP K Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HNRNPK. It may not necessarily be applicable to this product.

NCBI GI #	14165439
NCBI GeneID	3190
NCBI Accession #	NP_002131.2
UniProt Primary Accession #	P61978
UniProt Secondary Accession #	Q07244; Q15671; Q59F98; Q5T6W4; Q60577; Q922Y7; Q96J62
UniProt Related Accession #	P61978
GenBank Nucleotide #	NM_002140.3
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein K isoform a
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein K
NCBI Official Symbol	HNRNPK
NCBI Official Synonym Symbols	CSBP; TUNP; HNRPK
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein K
UniProt Synonym Protein Names	Transformation up-regulated nuclear protein
Protein Family	Heterogeneous nuclear ribonucleoprotein
UniProt Gene Name	HNRNPK
UniProt Synonym Gene Names	HNRPK; hnRNP K; TUNP
UniProt Entry Name	HNRPK_HUMAN
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein K; dC-stretch binding protein; transformation upregulated nuclear protein
NCBI Summary for HNRNPK	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 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]

UniProt Comments for HNRNPK	hnRNP K: a heterogeneous nuclear ribonucleoprotein (hnRNP). One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA. Two alternatively spliced isoforms have been described. Protein type: RNA splicing; Spliceosome; RNA-binding Chromosomal Location of Human Ortholog: 9q21.32-q21.33 Cellular Component: nucleoplasm; cell projection; focal adhesion; membrane; cytoplasm; nuclear chromatin; podosome; nucleus Molecular Function: protein binding; RNA binding; single-stranded DNA binding Biological Process: RNA processing; nuclear mRNA splicing, via spliceosome; transcription, DNA-dependent; viral reproduction; RNA splicing; positive regulation of low-density lipoprotein receptor biosynthetic process; positive regulation of transcription from RNA polymerase II promoter; gene expression; signal transduction; positive regulation of receptor-mediated endocytosis
Research Articles on HNRNPK	**1.** SUMO modification plays a crucial role in the control of hnRNP-K's function as a p53 co-activator in response to DNA damage by UV
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