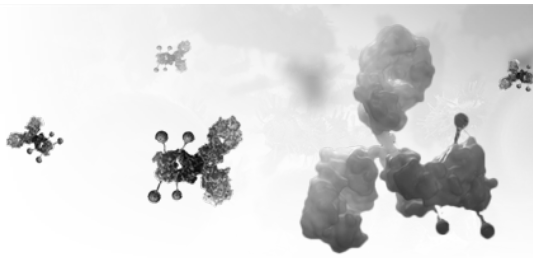

Rabbit Anti-HNRNPK monoclonal antibody, clone TD71-14 (DCABH-2913)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	hnRNP K
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TD71-14
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	60 kDa
Cellular Localization	Cytoplasm, Nucleus, Cell projection.
Positive Control	SKOV-3, Jurkat, NIH/3T3, Hela, HepG2, mouse brain tissue, human colon cancer tissue, human breast carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Heterogeneous nuclear ribonucleoproteins (hnRNPs) constitute a set of poly-peptides that contribute to mRNA transcription and pre-mRNA processing as well as mature mRNA transport to the cytoplasm and translation. They also bind heterogeneous nuclear RNA (hnRNA), which are the transcripts produced by RNA Polymerase II. There are approximately 20 known hnRNP proteins and their complexes are the major constituents of the spliceosome. The majority of hnRNP protein are localized to the nucleus, however some shuttle between the nucleus and the cytoplasm, such as hnRNP K. hnRNP K recruits a variety of molecular partners through two K homologous (KH) domains, which are required for protein-protein interactions. hnRNP K also contains several potential phosphorylation sites, including Ser 302, the major site of PKCd phosphorylation, which are thought to regulate various cellular functions, including sequence-specific DNA binding, transcription, RNA binding and nucleocytoplasmic shuttling.
Keywords	CSBP;dC stretch binding protein;FLJ41122;Heterogeneous nuclear ribonucleoprotein K;hnRNP K;HNRNPK;HNRPK;HNRPK_HUMAN;Transformation up regulated nuclear protein;Transformation up-regulated nuclear protein;Transformation upregulated nuclear protein;TUNP antibody

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