

Datasheet for ABIN307124  
**anti-HNRNPK antibody (C-Term)**



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1 Image

## Overview

Quantity:	200 µg
Target:	HNRNPK
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HNRNPK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with a synthetic peptide derived from the C-terminal of the hnRNP-K protein and mouse myeloma Ag8563 cells. Sequence common in human, mouse, rat, rabbit and chicken
Clone:	F45 P9 C7
Isotype:	IgG1
Cross-Reactivity:	Chicken, Human, Mouse, Rabbit, Rat
Characteristics:	hnRNP-K, CSBP, TUNP, dC-Stretch Binding Protein, Heterogeneous nuclear ribonucleoproteins (hnRNPs) constitute a set of polypeptides 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, which range in size from 34 kDa to 120

## Product Details

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kDa, and their complexes are the major constituents of the spliceosome. The majority of hnRNP proteins components are localized to the nucleus, however some shuttle between the nucleus and the cytoplasm, such as hnRNP K. hnRNP K, a 65 kDa protein, 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.

Purification: Protein A/G Chromatography

## Target Details

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Target: HNRNPK

Alternative Name: Heterogeneous Nuclear Ribonucleoprotein K ([HNRNPK Products](#))

UniProt: [P61978](#)

## Application Details

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Application Notes: Antibody can be used for Western blotting (1-2 µg/mL) and immunohistochemistry on formalin-fixed, paraffin-embedded tissues (1-5 µg/mL). Optimal concentration should be evaluated by serial dilutions.

Restrictions: For Research Use only

## Handling

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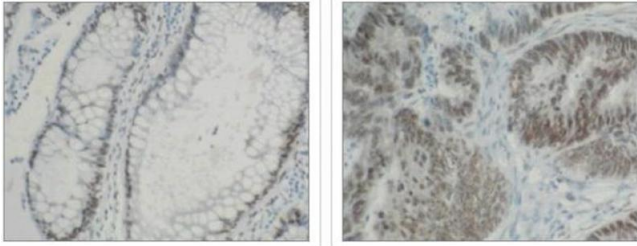
Buffer: Provided as solution in phosphate buffered saline with 0.08 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles



### Immunohistochemistry

**Image 1.** Immunohistochemical staining of normal colon (left) and colon carcinoma (center) using hnRNP-K antibody .