

Datasheet for ABIN3022414 anti-HNRNPK antibody (AA 1-280)

12 Images

1 Publication



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Overview

Quantity:	100 µL
Target:	HNRNPK
Binding Specificity:	AA 1-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human hnRNP K (NP_112552.1).
Sequence:	METEQEETF PNTETNGEFG KRPAEDMEEE QAFKRSRNTD EMVELRILLQ SKNAGAVIGK GGKNIKALRT DYNASVSVPD SSGPERILSI SADIETIGEI LKKIIPTEE GLQLPSPTAT SQLPLESDAV ECLNYQHYKG SDFDCELRLI IHQSLAGGII GVKGAKIKEL RENTQTTIKL FQECPPHSTD RVVLIGGKPD RVVECIKIL DLISESPIKG RAQPYDPNFY DETYDYGFT MMFDDRRGRP VGFPMRGRGG FDRMPPGRGG RPMPPSRRDY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HNRNPK
Alternative Name:	HNRNPK (HNRNPK Products)
Background:	<p>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.,HNRNPK,AUKS,CSBP,HNRPK,TUNP,Epigenetics & Nuclear Signaling,RNA Binding,HNRNPK</p>
Molecular Weight:	48 kDa/50 kDa/51 kDa
Gene ID:	3190
UniProt:	P61978

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in: Chen, Li, Fan, Cao, Yao, Xu: "Selenium antagonizes cadmium-induced apoptosis in chicken spleen but not involving Nrf2-regulated antioxidant response." in: **Ecotoxicology and environmental safety**, Vol. 145, pp. 503-510, (2017) ([PubMed](#)).

Xu, Zhang, Lu, Deng, Zhao, Zhao, Zhao: "Prevention of Hippocampal Neuronal Damage and Cognitive Function Deficits in Vascular Dementia by Dextromethorphan." in: **Molecular neurobiology**, Vol. 53, Issue 5, pp. 3494-502, (2016) ([PubMed](#)).

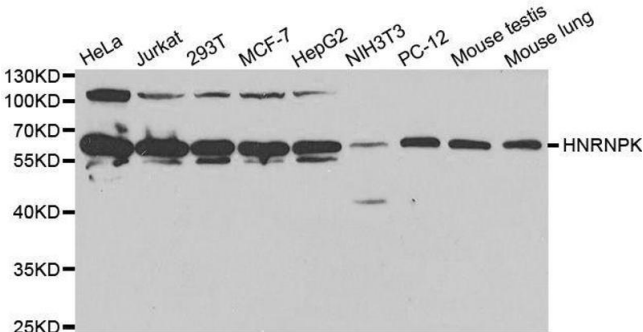
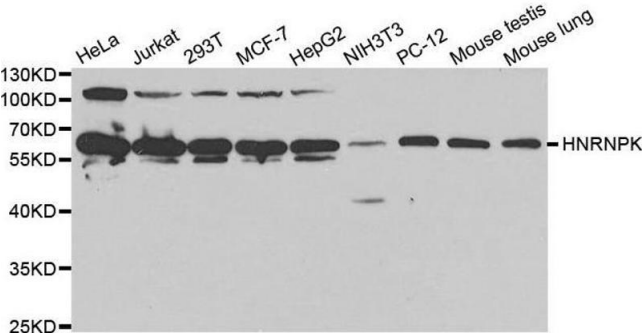
Images

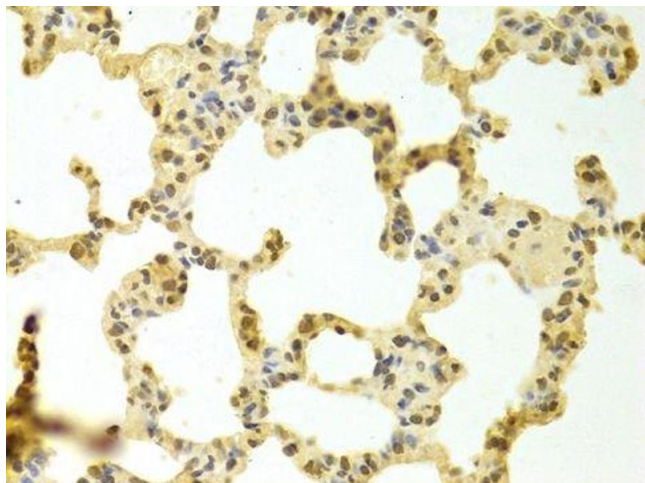
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HNRNPK antibody.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using HNRNPK antibody.





Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat lung using HNRNPK Antibody.

Please check the [product details page](#) for more images. Overall 12 images are available for ABIN3022414.