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Datasheet for ABIN2779031

anti-HNRNPH3 antibody (N-Term)

4 Images

2 Publications

Overview

Quantity:	100 µL
Target:	HNRNPH3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPH3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRPH3
Sequence:	DYQGRSTGEA FVQFASKEIA ENALGKHKER IGHRYIEIFR SSRSEIKGFY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against HNRPH3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	HNRNPH3
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Target Details

Alternative Name: HNRPH3 ([HNRNPH3 Products](#))

Background: HNRPH3 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 has two repeats of quasi-RRM domains that bind to RNAs. It is localized in nuclear bodies of the nucleus. This protein is involved in the splicing process and it also participates in early heat shock-induced splicing arrest by transiently leaving the hnRNP complexes. 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 has two repeats of quasi-RRM domains that bind to RNAs. It is localized in nuclear bodies of the nucleus. This protein is involved in the splicing process and it also participates in early heat shock-induced splicing arrest by transiently leaving the hnRNP complexes. Multiple alternative transcript variants seem to be present for this gene and some appear to have intronic regions in the mRNA. Presently, only two transcript variants are fully described.

Alias Symbols: 2H9, HNRPH3

Protein Interaction Partner: UBC, SUMO2, SUMO3, STAU1, SUMO1, NEDD8, WWOX, ERG, RNF2, EED, rev, PARK2, STK24, HNRNPH3, HNRNPH1, HNRNPF, HNRNPD, HNRNPA1, FN1, DDX5, ITGA4, IL7R, HNRNPU, C17orf85, tat, HCVgp1, HNRNPUL1, HNRNPA0, CHERP, DDX17, VCAM1, RBM4, VCP, PUF60, SF3A3, HNRNPR, HNR

Protein Size: 346

Molecular Weight: 38 kDa

Gene ID: 3189

NCBI Accession: [NM_012207](#), [NP_036339](#)

UniProt: [P31942](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 346 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

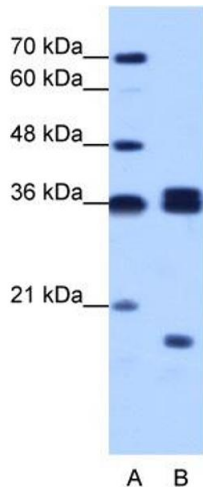
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

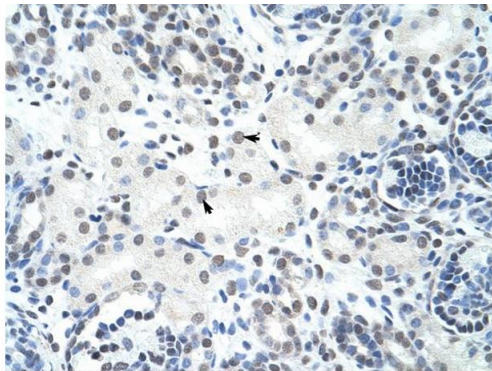
Publications

Product cited in: Huang, Chen, Wu, Huang, He, Tang, Wang, Wang: "The zebrafish miR-462/miR-731 cluster is induced under hypoxic stress via hypoxia-inducible factor 1 α and functions in cellular adaptations." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 29, Issue 12, pp. 4901-13, (2015) ([PubMed](#)).



Western Blotting

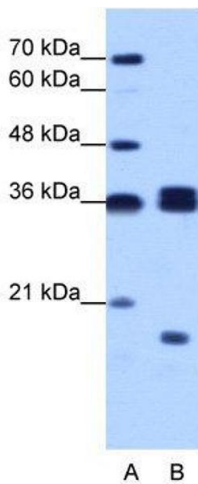
Image 1. WB Suggested Anti-HNRPH3 Antibody Titration: 1.0ug/ml ELISA Titer: 1:62500 Positive Control: Raji cell lysate HNRNPH3 is strongly supported by BioGPS gene expression data to be expressed in Human Raji cells



Immunohistochemistry

Image 2. Rabbit Anti-HNRPH3 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Rabbit Anti-HNRPH3 Antibody
 Catalog Number: ARP40721
 Lot Number: QC9828
 Paraffin Embedded Tissue: Human Kidney
 Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
 Antibody Concentration: 4.0-8.0 µg/ml
 Magnification: 400X



Western Blotting

Image 3. WB Suggested Anti-HNRPH3 Antibody Titration: 1.0 µg/mL ELISA Titer: 1:62500 Positive Control: Raji cell lysate HNRNPH3 is strongly supported by BioGPS gene expression data to be expressed in Human Raji cells

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2779031.