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Datasheet for ABIN2778920 anti-HNRNPF antibody (C-Term)

4 Images

1 Publication



Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HNRPF
Sequence:	LNSTTGASNG AYSSQVMQGM GVSAAQATYS GLESQSVSGC YGAGYSGQNS
Predicted Reactivity:	Cow: 91%, Dog: 92%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HNRPF. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	

Target:

HNRNPF

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Target Details	
Alternative Name:	HNRPF (HNRNPF Products)
Background:	HNRPF 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 three repeats of quasi-RRM domains that bind
	to RNAs which have guanosine-rich sequences. This protein is very similar to the family
	member hnRPH.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 three repeats of quasi-RRM domains
	that bind to RNAs which have guanosine-rich sequences. This protein is very similar to the
	family member hnRPH.
	Alias Symbols: HNRPF, mcs94-1, OK/SW-cl.23
	Protein Interaction Partner: HSFY1, C1orf94, CCDC33, EIF4ENIF1, RBFOX2, IKZF3, HNRNPUL1,
	HNRNPM, FUS, TFG, DZIP3, UBC, AES, NEDD1, CEP250, SUM02, SUM03, TP53, CDC20, STAU1,
	IVNS1ABP, SUMO1, NEDD8, MDM2, WWOX, RPA3, RPA2, RPA1, ERG, EED, rev, PRPF40A,
	OSGEP, ABCF3, DNAAF5, PPME1, PPP1
	Protein Size: 415
Molecular Weight:	46 kDa
Gene ID:	3185
NCBI Accession:	NM_004966, NP_004957
UniProt:	P52597

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 415 AA
Restrictions:	For Research Use only

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Format:	Liquid
i villat.	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:	Sun, Zhou, Liu, Zhang, Chen, Pan, Ma, Liu, Du, Yang, Wang: "Inhibition of breast cancer cell
	survival by Xanthohumol via modulation of the Notch signaling pathway in vivo and in vitro." in:
	Oncology letters , Vol. 15, Issue 1, pp. 908-916, (2018) (PubMed).
	Natsumeda, Maitani, Liu, Miyahara, Kaur, Chu, Zhang, Kahlert, Eberhart: "Targeting Notch
	Signaling and Autophagy Increases Cytotoxicity in Glioblastoma Neurospheres." in: Brain
	pathology (Zurich, Switzerland), Vol. 26, Issue 6, pp. 713-723, (2015) (PubMed).
	Mang Su Liu Wang Wang: "Pact contributes to carabral ischemia reperfusion-induced injuny in
	mice by regulation of Noteb2 " in: Neuroscience Vol. 206 pp. 100-14 (2015) (PubMed)
	The by regulation of Notenz. In Neuroscience, vol. 300, pp . 100-14, (2013) (Fubliced).
	Ma, Mao, Shen, Zheng, Li, Liu, Ni: "Atractylenolide I-mediated Notch pathway inhibition
	attenuates gastric cancer stem cell traits." in: Biochemical and biophysical research
	communications, Vol. 450, Issue 1, pp. 353-9, (2014) (PubMed).
	Asnaghi, Lin, Lim, Lim, Tripathy, Wendeborn, Merbs, Handa, Sodhi, Bar, Eberhart: "Hypoxia
	promotes uveal melanoma invasion through enhanced Notch and MAPK activation." in: PLoS
	ONE , Vol. 9, Issue 8, pp. e105372, (2014) (PubMed).

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70 kDa 60 kDa 48 kDa 36 kDa 21 kDa A В



Immunohistochemistry

Image 1. Rabbit Anti-HNRNPF Antibody Paraffin Embedded Tissue: Human alveolar cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Western Blotting

Image 2. WB Suggested Anti-HNRPF Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate HNRNPF is supported by BioGPS gene expression data to be expressed in HepG2

Immunohistochemistry

Image 3. Rabbit Anti-HNRPF Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Please check the product details page for more images. Overall 4 images are available for ABIN2778920.

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