

Datasheet for ABIN2776586

anti-HNRNPC antibody (N-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	HNRNPC
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRPC
Sequence:	LDINLAAEPK VNRGKAGVKR SAAEMYGSVT EHPSPSPLLS SSFDLDYDFQ
Predicted Reactivity:	Dog: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against HNRPC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HNRNPC
---------	--------

Target Details

Alternative Name:	HNRPC (HNRNPC Products)
Background:	<p>HNRPC 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 can act as a tetramer and is involved in the assembly of 40S hnRNP particles. 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 one RRM domain that binds to RNAs. Two alternatively spliced transcript variants have been described for this gene.</p> <p>Alias Symbols: C1, C2, HNRNP, MGC104306, MGC105117, MGC117353, MGC131677, SNRPC, hnRNP, HNRPC</p> <p>Protein Interaction Partner: SUMO1P1, RALYL, RBM41, ZFYVE26, SUMO1, UBE2I, UBC, SDCBP, LM02, KPNA4, KPNA3, KPNA2, HNRNPC, EPS8, BRIP1, PALB2, BRCA2, BRCA1, BARD1, CEP250, SUMO2, SUMO3, RAD51, IVNS1ABP, STAU1, MDM2, ERG, EED, RNF2, rev, CDKN2A, PARK2, SRPK2, SRPK1, CLK3, TARDBP, YWHAQ</p> <p>Protein Size: 303</p>

Molecular Weight:	33 kDa
Gene ID:	3183
NCBI Accession:	NM_031314 , NP_112604
UniProt:	P07910

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 303 AA
Restrictions:	For Research Use only

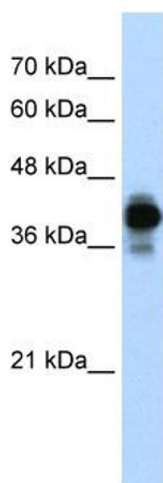
Handling

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:	Hayakawa, Fujikane, Ito, Matsumoto, Nakayama, Sekiguchi: "Human proteins that specifically bind to 8-oxoguanine-containing RNA and their responses to oxidative stress." in: Biochemical and biophysical research communications , Vol. 403, Issue 2, pp. 220-4, (2010) (PubMed).
-------------------	--

Images



Western Blotting

Image 1. WB Suggested Anti-HNRPC Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate HNRNPC is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells