

Rabbit HNRNPU Polyclonal Antibody | anti-HNRNPU antibody

HNRNPU antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198688	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

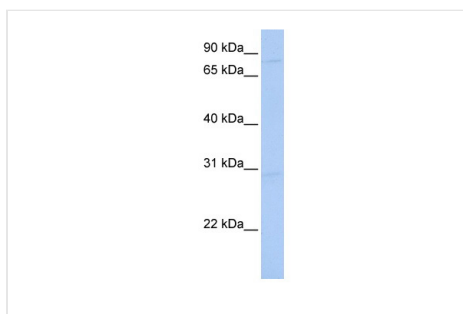
PRODUCT SYNONYMS

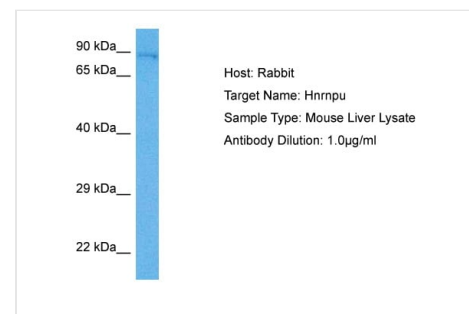
HNRNPU; Polyclonal Antibody; HNRNPU antibody - N-terminal region; anti-HNRNPU antibody

PRODUCT SPECIFICATIONS

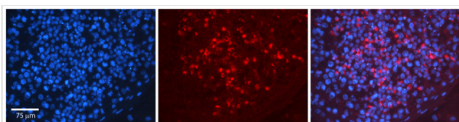
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: NG AAGAADSGPM EEEEEASEDE NGDDQGFQEG EDELGDEEEG AGDENGHG
Sequence Length	806
Applicable Applications for anti-HNRNPU antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HNRNPU
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-HNRNPU Antibody Titration: 0.2-1 ug/ml
Positive Control: MCF7 cell lysate
HNRNPU is supported by BioGPS gene expression data to be expressed in MCF7

WB (Western Blot)

Host: Mouse
Target Name: HNRNPU
Sample Tissue: Mouse Liver
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-HNRNPU Antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis

Tissue Observed Staining: Cytoplasm and nucleus in spermatogonia and

spermatocytes Primary Antibody Concentration: N/A Other Working Concentrations:

1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration:

1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPU antibody	This is a rabbit polyclonal antibody against HNRNPU. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: HNRNPU belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). 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. HNRNPU contains a RNA binding domain and scaffold-associated region (SAR)-specific bipartite DNA-binding domain. This protein is also thought to be involved in the packaging of hnRNA into large ribonucleoprotein complexes. During apoptosis, this protein is cleaved in a caspase-dependent way. But this cleavage does not affect the function of the encoded protein in RNA metabolism. This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they form complexes 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 contains a RNA binding domain and scaffold-associated region (SAR)-specific bipartite DNA-binding domain. This protein is also thought to be involved in the packaging of hnRNA into large ribonucleoprotein complexes. During apoptosis, this protein is cleaved in a caspase-dependent way. Cleavage occurs at the SALD site, resulting in a loss of DNA-binding activity and a concomitant detachment of this protein from nuclear structural sites. But this cleavage does not affect the function of the encoded protein in RNA metabolism. At least two alternatively spliced transcript variants have been identified for this gene.
Product Categories/Family for anti-HNRNPU antibody	Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling; Apoptosis; E3 & Ubiquitin; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	14141161
NCBI GeneID	3192
NCBI Accession #	NP_004492
NCBI GenBank Nucleotide #	NM_004501
UniProt Accession #	Q00839
Molecular Weight	89kDa
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein U isoform b
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein U
NCBI Official Symbol	HNRNPU
NCBI Official Synonym Symbols	SAFA; HNRPU; SAF-A; U21.1; pp120; EIEE54; GRIP120; hnRNP U; HNRNPU-AS1
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein U
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein U
UniProt Gene Name	HNRNPU
UniProt Synonym Gene Names	HNRPU; SAFA; U21.1; hnRNP U; SAF-A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hnrnpu-antibody-immunohistochemistry-western-blot-elisa/198688>