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Datasheet for ABIN2778891
anti-HNRNPU antibody (C-Term)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HNRNPU
Sequence:	EITYVELQKE EAQKLEQYK EESKKALPPE KKQNTGSKKS NKNKSGKNQF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HNRNPU. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HNRNPU
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Target Details

Alternative Name: HNRNPU ([HNRNPU Products](#))

Background: 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.

Alias Symbols: HNRPU, SAF-A, U21.1, hnRNP U

Protein Interaction Partner: FBXW11, FUS, HUWE1, BTRC, UBC, TUBG1, TP53, AURKA, MAGED2, TUBGCP3, CEP57, AURKB, SUMO2, SUMO3, CEP70, CEP76, MDM2, LGALS3BP, EMD, HAUS2, TUBGCP4, CEP250, NEDD1, STAU1, IVNS1ABP, LGR4, ERG, RPA3, RPA2, RPA1, WWOX, RNF2, SHFM1, EED, rev, RPS29, RPS27, RPS6

Protein Size: 825

Molecular Weight: 90 kDa

Gene ID: 3192

NCBI Accession: [NM_031844](#), [NP_114032](#)

UniProt: [Q00839](#)

Application Details

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

Comment: Antigen size: 825 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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-HNRNPU Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: ACHN cell lysate HNRNPU is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells

Western Blotting

Image 2. WB Suggested Anti-HNRNPU Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500 Positive Control: ACHN cell lysate HNRNPU is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells