

Rabbit anti-Human HNRNPA1 Polyclonal Antibody | anti-HNRNPA1 antibody

HNRNPA1 Antibody (C-term)

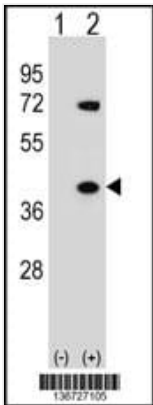
CATALOG # AAA286832	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

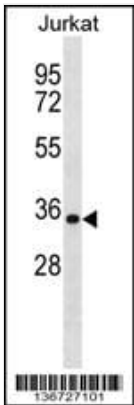
HNRNPA1; Polyclonal Antibody; HNRNPA1 Antibody (C-term); Heterogeneous nuclear ribonucleoprotein A1; hnRNP A1; Helix-destabilizing protein; Single-strand RNA-binding protein; hnRNP core protein A1; N-terminally processed; HNRPA1; anti-HNRNPA1 antibody

PRODUCT SPECIFICATIONS

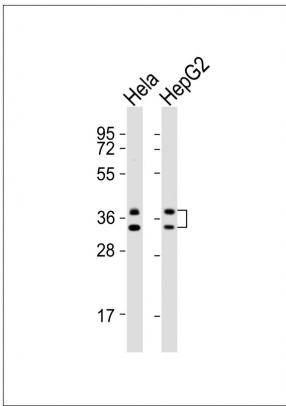
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HNRNPA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 266-294 amino acids from the C-terminal region of human HNRNPA1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	266-294
Sequence Length	267
Applicable Applications for anti-HNRNPA1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of HNRNPA1 (arrow) using rabbit polyclonal HNRNPA1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HNRNPA1 gene.



WB (Western Blot)
HNRNPA1 Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the HNRNPA1 antibody detected the HNRNPA1 protein (arrow).



WB (Western Blot)
All lanes : Anti-HNRNPA1 Antibody (C-term) at 1:1000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: HepG2 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 39 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPA1 antibody	This gene belongs to the A/B 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 one of the most abundant core proteins of hnRNP complexes and it is localized to the nucleoplasm. This protein, along with other hnRNP proteins, is exported from the nucleus, probably bound to mRNA, and is immediately re-imported. Its M9 domain acts as both a nuclear localization and nuclear export signal. The encoded protein is involved in the packaging of pre-mRNA into hnRNP particles, transport of poly A+ mRNA from the nucleus to the cytoplasm, and may modulate splice site selection. It is also thought have a primary role in the formation of specific myometrial protein species in parturition. Multiple alternatively spliced transcript variants have been found for this gene but only two transcripts are fully described. These variants have multiple alternative transcription initiation sites and multiple polyA sites. [provided by RefSeq].
Product Categories/Family for anti-HNRNPA1 antibody	Microbiology
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Michlewski, G., et al. Nat. Struct. Mol. Biol. 17(8):1011-1018(2010) Clower, C.V., et al. Proc. Natl. Acad. Sci. U.S.A. 107(5):1894-1899(2010) David, C.J., et al. Nature 463(7279):364-368(2010) Fisette, J.F., et al. RNA 16(1):228-238(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504445
NCBI GeneID	3178
NCBI Accession #	NP_002127.1; NP_112420.1
NCBI GenBank Nucleotide #	NM_002136.2
UniProt Accession #	P09651; Q3MIB7; Q6PJZ7; A8K4Z8
Molecular Weight	38747
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein A1 isoform a
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein A1
NCBI Official Symbol	HNRNPA1
NCBI Official Synonym Symbols	ALS19; ALS20; HNRPA1; IBMPFD3; HNRPA1L3; hnRNP A1; hnRNP-A1
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein A1
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein A1
UniProt Gene Name	HNRNPA1
UniProt Synonym Gene Names	HNRPA1; hnRNP A1
UniProt Entry Name	ROA1_HUMAN

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://stage.aaabiotech.com/polyclonal/hnrnpa1-antibody-western-blot-elisa/286832>