

Rabbit HnRNP A1 Polyclonal Antibody | anti-HNRNPA1 antibody

Anti-HnRNP A1 Antibody

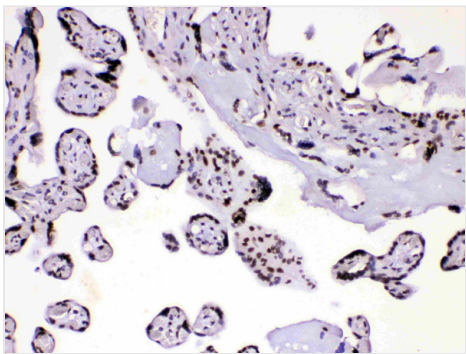
CATALOG # AAA11683	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

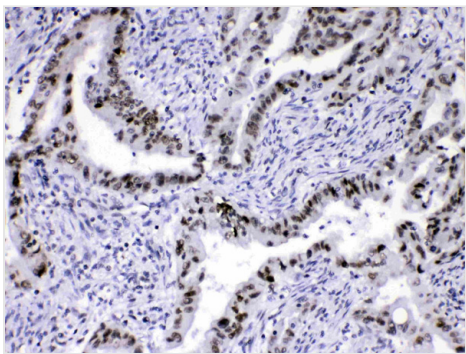
HnRNP A1; Polyclonal Antibody; Anti-HnRNP A1 Antibody; ALS19; ALS20; HNRNPA 1; HNRNPA1; hnRNP A1; HNRPA1; UP 1; IBMPFD3; HNRPA1L3; P09651; Heterogeneous nuclear ribonucleoprotein A1; anti-HNRNPA1 antibody

PRODUCT SPECIFICATIONS

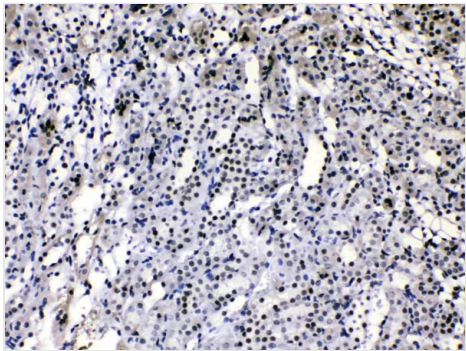
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	320
Applicable Applications for anti-HNRNPA1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western Blot: 0.1-0.5ug/ml Immunohistochemistry(IHC) Paraffin: 0.5-1ug/ml
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HnRNP A1 (8-42aa KEPEQLRKLFIGGLSFETTDESLSHFQWGTLD), identical to the related mouse and rat sequences.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



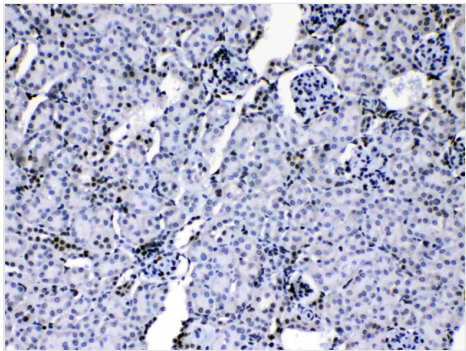
IHC (Immunohistochemistry)
HnRNP A1 was detected in paraffin-embedded sections of human placenta tissues using rabbit anti- HnRNP A1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



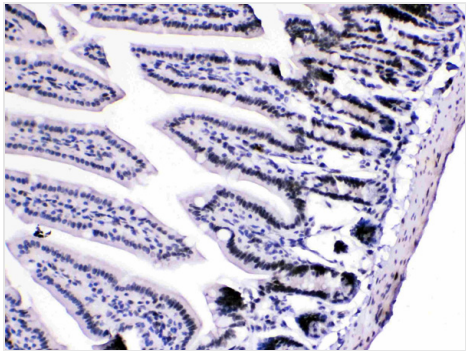
IHC (Immunohistochemistry)
HnRNP A1 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- HnRNP A1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



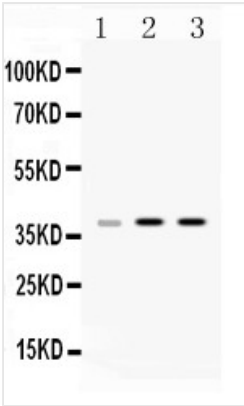
IHC (Immunohistochemistry)
HnRNP A1 was detected in paraffin-embedded sections of rat kidney tissues using rabbit anti- HnRNP A1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
HnRNP A1 was detected in paraffin-embedded sections of mouse kidney tissues using rabbit anti- HnRNP A1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
HnRNP A1 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti- HnRNP A1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of HnRNP A1 expression in rat liver extract (lane 1), mouse thymus extract (lane 2) and HELA whole cell lysates (lane 3). HnRNP A1 at 39KD was detected using rabbit anti- HnRNP A1 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPA1 antibody	Rabbit IgG polyclonal antibody for Heterogeneous nuclear ribonucleoprotein A1(HNRNPA1) detection. Background: Heterogeneous nuclear ribonucleoprotein A1 is a protein that in humans is encoded by the HNRNPA1 gene. This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome.
References	1. "Entrez Gene: HNRPA1 heterogeneous nuclear ribonucleoprotein A1". 2. Biamonti G, Buvoli M, Bassi MT, Morandi C, Cobianchi F, Riva S (1989). "Isolation of an active gene encoding human hnRNP protein A1. Evidence for alternative splicing.". J. Mol. Biol. 207 (3): 491-503. 3. Saccone S, Biamonti G, Maugeri S, Bassi MT, Bunone G, Riva S, Della Valle G (Mar 1992). "Assignment of the human heterogeneous nuclear ribonucleoprotein A1 gene (HNRPA1) to chromosome 12q13.1 by cDNA competitive in situ hybridization". Genomics. 12 (1): 171-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504445
NCBI GeneID	3178
NCBI Accession #	NP_002127.1
NCBI GenBank Nucleotide #	NM_002136.3
UniProt Accession #	P09651; Q3MIB7; Q6PJZ7; A8K4Z8
Molecular Weight	29,386 Da
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	UP 1; 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

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/hnmp-a1-antibody-western-blot-immunohistochemistry-elisa/11683>