Rabbit anti-Human HNRNPA2B1 Polyclonal Antibody | anti-HNRNPA2B1 antibody

[KD Validated] HNRNPA2B1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28626	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry, ELISA**

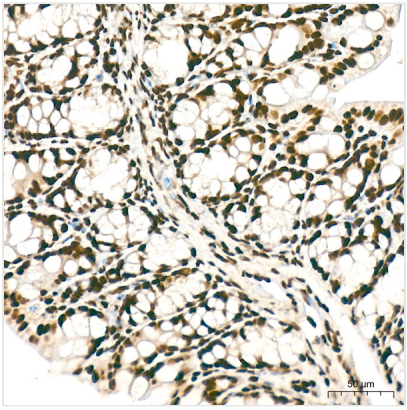
PRODUCT SYNONYMS

HNRNPA2B1; Polyclonal Antibody; [KD Validated] HNRNPA2B1 Rabbit pAb; RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; IBMPFD2; HNRPA2B1; B1; anti-HNRNPA2B1 antibody

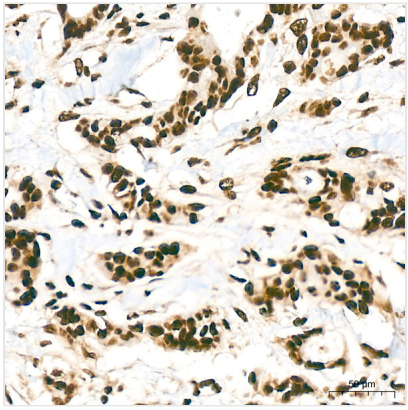
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	GKKRGFGFVT FDDHDPVDKI VLQKYHTING HNAEVRKALS RQEMQEVQSS RSGRGGNFGF GDSRGGGGNF GPGPGSNFRG GSDGYGSGRG FGDGYNGYGG G
Applicable Applications for anti-HNRNPA2B1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IHC-P: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human HNRNPA2B1 (NP_112533.1-).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

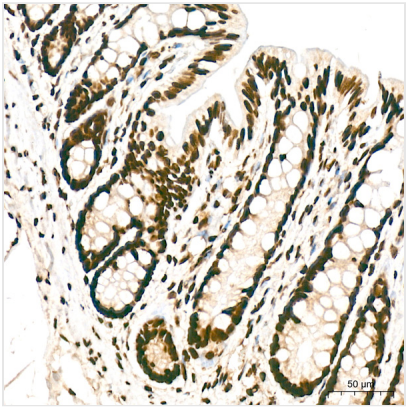
IMAGES



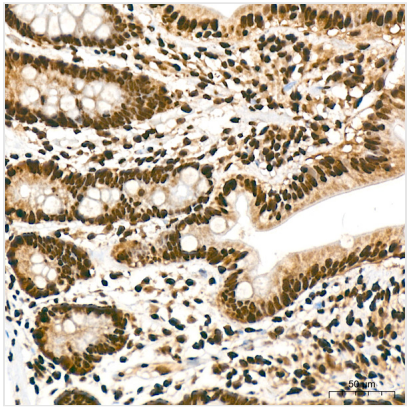
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (AAA28626) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



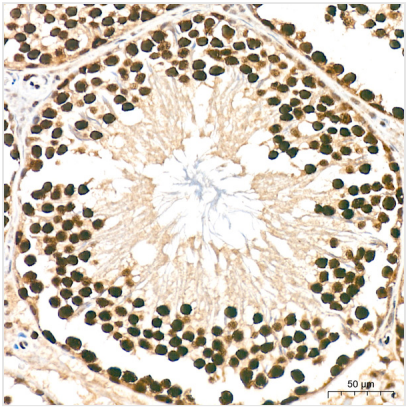
IHC (Immunohistchemistry)
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (AAA28626) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



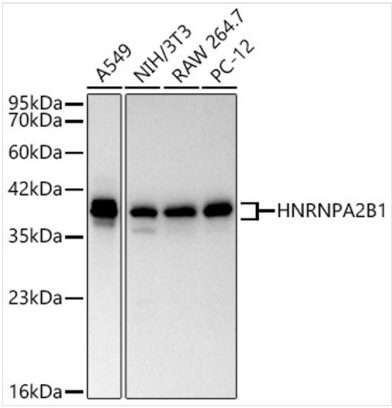
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (AAA28626) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (AAA28626) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (AAA28626) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)
Western blot analysis of various lysates using [KD Validated] HNRNPA2B1 Rabbit pAb (AAA28626) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPA2B1 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. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms.
Product Categories/Family for anti-HNRNPA2B1 antibody	Epigenetics Nuclear Signaling; RNA Binding; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504447
NCBI GeneID	3181
NCBI Accession #	NP_002128.1
NCBI GenBank Nucleotide #	NM_002137.3
UniProt Accession #	P22626; P22627; Q9UC98; Q9UDJ2; A8K064
Molecular Weight	Calculated MW: 37kDa Observed MW: 38kDa/36-40kDa
UniProt Protein Name	Heterogeneous nuclear ribonucleoproteins A2/B1
UniProt Gene Name	**HNRNPA2B1**
UniProt Synonym Gene Names	HNRPA2B1; hnRNP A2/B1
UniProt Entry Name	ROA2_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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