

[KD Validated] HNRNPA2B1 Rabbit pAb

Catalog No.: A25463

Basic Information

Observed MW

38kDa/36-40kDa

Calculated MW

37kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

3181

Swiss Prot

P22626

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 150-250 of human HNRNPA2B1 (NP_112533.1).

Synonyms

RNPA2; HNRPA2; HNRPB1; SNRPB1; HNRNPA2; HNRNPB1; IBMPFD2; HNRPA2B1; B1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

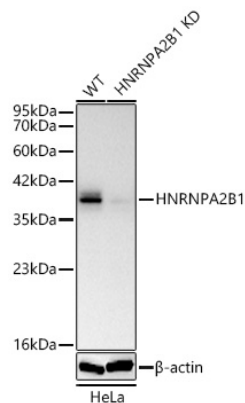
Affinity purification

Storage

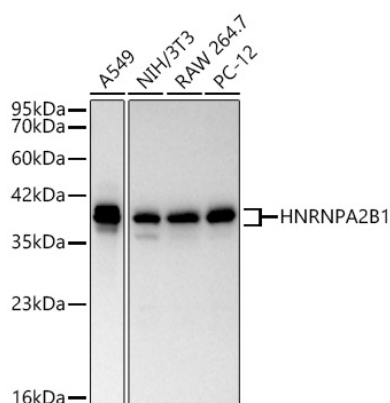
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

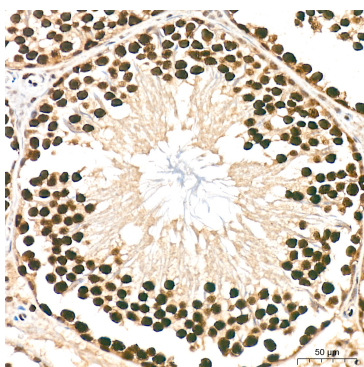
Validation Data



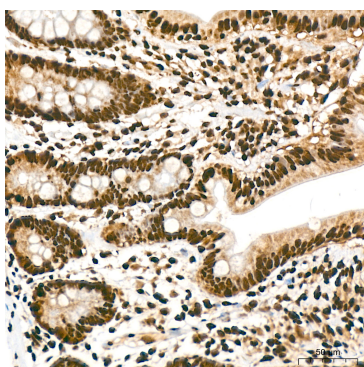
Western blot analysis of lysates from wild type (WT) and HNRNPA2B1 knockdown (KD) HeLa cells using [KD Validated] HNRNPA2B1 Rabbit pAb (A25463) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



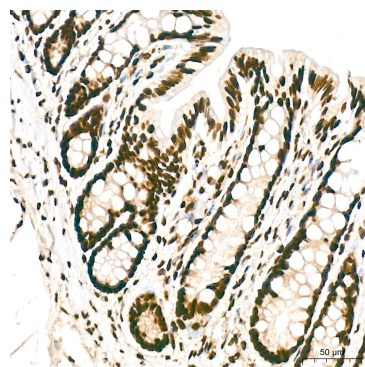
Western blot analysis of various lysates using [KD Validated] HNRNPA2B1 Rabbit pAb (A25463) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded Rat testis tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (A25463) 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.

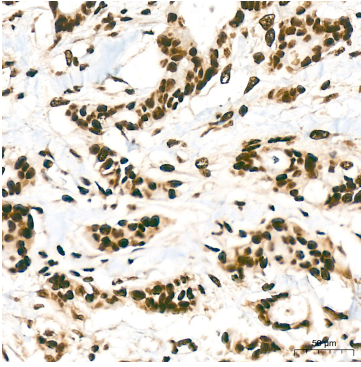


Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded Human colon tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (A25463) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

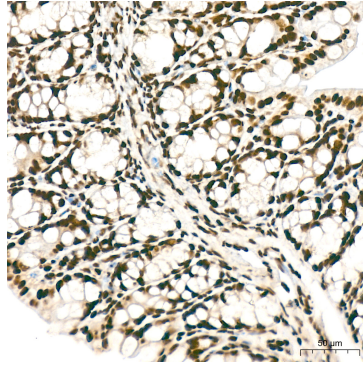


Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded Rat colon tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (A25463) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded Human breast cancer tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (A25463) 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.



Immunohistochemistry analysis of HNRNPA2B1 in paraffin-embedded Mouse colon tissue using [KD Validated] HNRNPA2B1 Rabbit pAb (A25463) 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.