

PAA323Hu01

Polyclonal Antibody to Heterogeneous Nuclear Ribonucleoprotein A2/B1 (HNRPA2B1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[**PROPERTIES**]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 500µg/mL

UOM: 100µl

Cross Reactivity: N/A

Applications: WB; IHC; ICC/IF

[**IMMUNOGEN**]

Immunogen: Recombinant HNRPA2B1 (Arg21~Gly103) expressed in *E.coli*

Accession No.: RPA323Hu01

[**APPLICATIONS**]

Western blotting: 0.01-5µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[**FORMULATION**]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

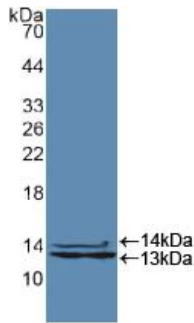
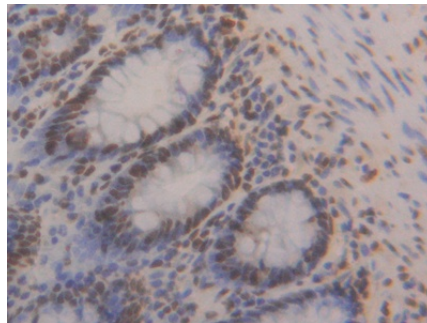
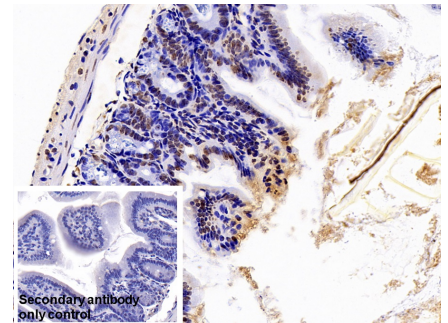


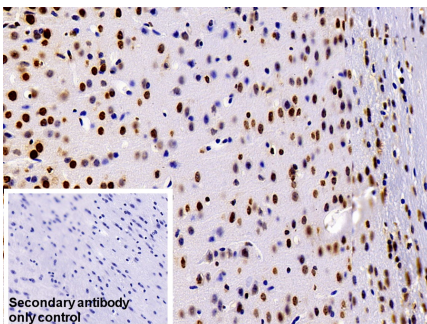
Figure. Western Blot; Sample: Recombinant HNRPA2B1, Human.



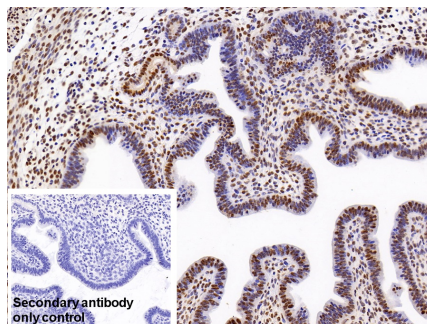
DAB staining on IHC-P; Samples: Human Rectum Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human HNRPA2B1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



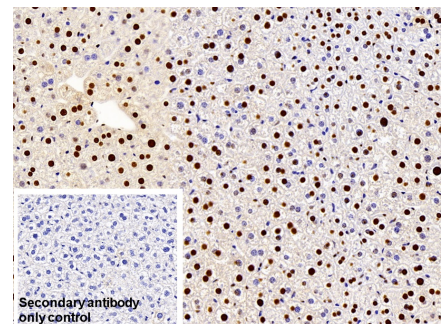
DAB staining on IHC-P; Sample: Mouse Colon Tissue Primary Ab: 20µg/ml Rabbit Anti-Human HNRPA2B1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Mouse Cerebrum Tissue Primary Ab: 20µg/ml Rabbit Anti-Human HNRPA2B1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked

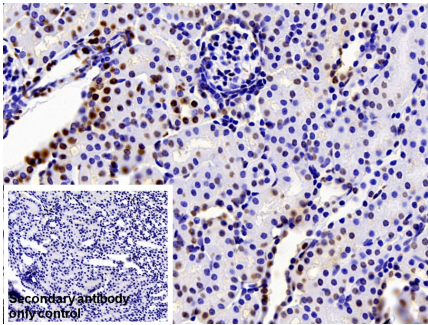


DAB staining on IHC-P; Sample: Mouse Uterus Tissue Primary Ab: 20µg/ml Rabbit Anti-Human HNRPA2B1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked



DAB staining on IHC-P; Sample: Mouse Liver Tissue Primary Ab: 20µg/ml Rabbit Anti-Human HNRPA2B1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;

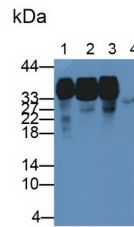
Sample: Mouse Kidney Tissue

Primary Ab: 20µg/ml Rabbit Anti-Human HNRPA2B1 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

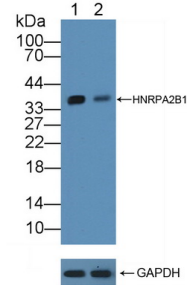


Western Blot; Sample: Lane1: A549 cell lysate; Lane2: Jurkat cell lysate; Lane3: K562 cell lysate; Lane4: Human Liver lysate;

Primary Ab: 5ug/ml Rabbit Anti-Human HNRPA2B1 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

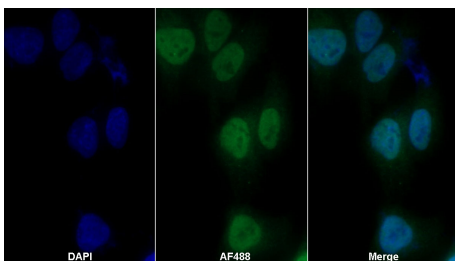


Knockout Varification:

Lane 1: Wild-type A549 cell lysate; Lane 2: HNRPA2B1 knockout A549 cell lysate;

Predicted MW: 37kd
Observed MW: 37kd

Primary Ab: 5µg/ml Rabbit Anti-Human HNRPA2B1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-Human HNRPA2B1 Antibody

Second Ab: 2µg/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb11)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.