

Rabbit hnRNP U/p120/HNRNPU Polyclonal Antibody | anti-HNRNPU antibody

Anti-hnRNP U/p120/HNRNPU Antibody Picoband

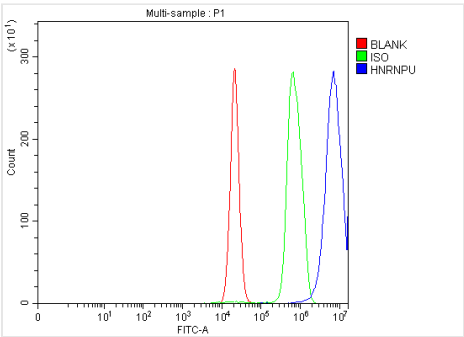
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19498	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

hnRNP U/p120/HNRNPU; Polyclonal Antibody; Anti-hnRNP U/p120/HNRNPU Antibody Picoband; anti-HNRNPU antibody

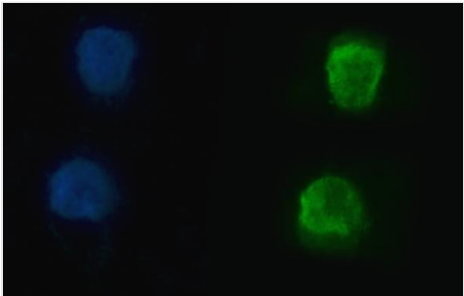
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-HNRNPU antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Application Notes	WB: 0.25-0.5 ug/ml, Human, Mouse, Rat IHC-P: 2-5 ug/ml, Human, Mouse, Rat ICC/IF: 5 ug/ml, Human FC/FACS: 1-3 ug/1x10 ⁶ cells, Human, Rat Direct ELISA: 0.1-0.5 ug/ml, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit for IHC(P) and ICC.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human hnRNP U/p120/HNRNPU recombinant protein (Position: E262-L563).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



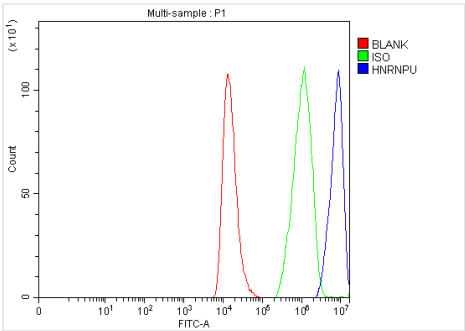
FCM (Flow Cytometry)

Figure 13. Flow Cytometry analysis of C6 cells using anti-hnRNP U/p120/HNRNPU antibody (AAA19498).Overlay histogram showing C6 cells stained with AAA19498 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-hnRNP U/p120/HNRNPU Antibody (AAA19498, 1 ug/1x106 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG (BA1127, 5-10 ug/1x106 cells) was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x106) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



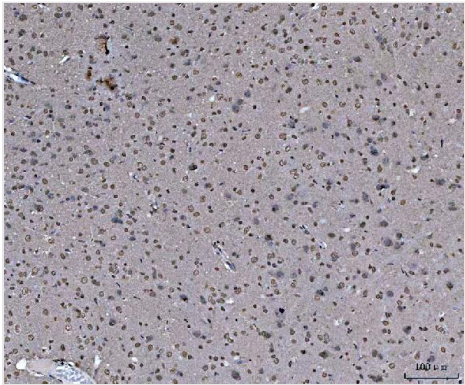
IF (Immunofluorescence)

Figure 11. IF analysis of hnRNP U/p120/HNRNPU using anti-hnRNP U/p120/HNRNPU antibody (AAA19498).hnRNP U/p120/HNRNPU was detected in an immunocytochemical section of SiHa cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-hnRNP U/p120/HNRNPU Antibody (AAA19498) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG (BA1127) was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



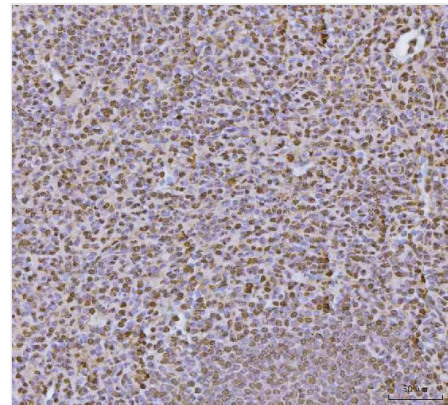
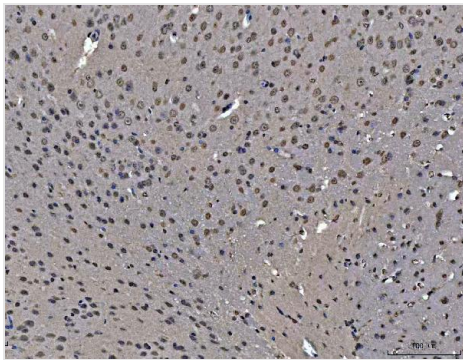
FCM (Flow Cytometry)

Figure 12. Flow Cytometry analysis of HEL cells using anti-hnRNP U/p120/HNRNPU antibody (AAA19498).Overlay histogram showing HEL cells stained with AAA19498 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-hnRNP U/p120/HNRNPU Antibody (AAA19498, 1 ug/1x106 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG (BA1127, 5-10 ug/1x106 cells) was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x106) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IHC (Immunohistochemistry)

Figure 10. IHC analysis of hnRNP U/p120/HNRNPU using anti-hnRNP U/p120/HNRNPU antibody (AAA19498).hnRNP U/p120/HNRNPU was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-hnRNP U/p120/HNRNPU Antibody (AAA19498) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 9. IHC analysis of hnRNP U/p120/HNRNPU using anti-hnRNP U/p120/HNRNPU antibody (AAA19498).hnRNP U/p120/HNRNPU was detected in a paraffin-embedded section of mouse brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-hnRNP U/p120/HNRNPU Antibody (AAA19498) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

IHC (Immunohistochemistry)

Figure 8. IHC analysis of hnRNP U/p120/HNRNPU using anti-hnRNP U/p120/HNRNPU antibody (AAA19498).hnRNP U/p120/HNRNPU was detected in a paraffin-embedded section of human spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-hnRNP U/p120/HNRNPU Antibody (AAA19498) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPU antibody	Heterogeneous nuclear ribonucleoprotein U is a protein that in humans is encoded by the HNRNPU gene. This gene encodes a member of a family of proteins that bind nucleic acids and function in the formation of ribonucleoprotein complexes in the nucleus with heterogeneous nuclear RNA (hnRNA). The encoded protein has affinity for both RNA and DNA, and binds scaffold-attached region (SAR) DNA. Mutations in this gene have been associated with epileptic encephalopathy, early infantile, 54. A pseudogene of this gene has been identified on chromosome 14.
Product Categories/Family for anti-HNRNPU antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	254763463
NCBI GeneID	3192
UniProt Accession #	Q00839 ; O75507 ; Q8N174 ; Q96HY9 ; Q9BQ09
Molecular Weight	825
NCBI Official Full Name	Heterogeneous nuclear ribonucleoprotein U
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)
NCBI Official Symbol	HNRNPU
NCBI Official Synonym Symbols	HNRPU; SAF-A; U21.1; hnRNP U
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein U; pp120; p120 nuclear protein; scaffold attachment factor A
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein U
UniProt Gene Name	HNRNPU
UniProt Synonym Gene Names	HNRPU; SAFA; U21.1; hnRNP U; SAF-A
UniProt Entry Name	HNRPU_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/hnrnp-u-p120-hnrmpu-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-immunocytochemistry-western-blot-elisa/19498>