

For Research Use Only

HNRNPAO Polyclonal antibody

Catalog Number: 10848-1-AP

2 Publications



Basic Information

Catalog Number:

10848-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1312

GenBank Accession Number:

BC019271

GeneID (NCBI):

10949

UNIPROT ID:

Q13151

Full Name:

heterogeneous nuclear ribonucleoprotein A0

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: HeLa cells, fetal human brain tissue, mouse brain tissue, Jurkat cells, NIH/3T3 cells

IP: mouse brain tissue,

IF/ICC: HeLa cells,

Background Information

HNRNPAO 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). Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinxin Zuo	33398173	Nat Struct Mol Biol	WB, IF
Yilong Zhou	38503283	Cell	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

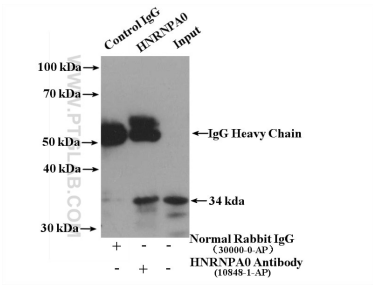
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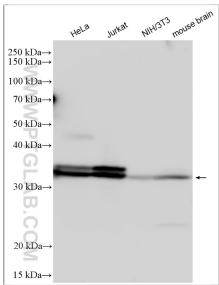
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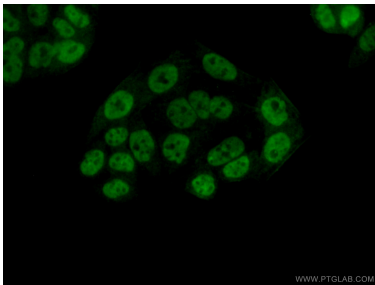
Selected Validation Data



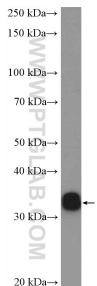
mouse brain tissue were subjected to SDS PAGE followed by western blot with 10848-1-AP (HNRNPA0 antibody) at dilution of 1:500.



Various lysates were subjected to SDS PAGE followed by western blot with 10848-1-AP (HNRNPA0 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 10848-1-AP (HNRNPA0 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



HeLa cells were subjected to SDS PAGE followed by western blot with 10848-1-AP (HNRNPA0 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.