

Rabbit HNRNPA0 Polyclonal Antibody | anti-HNRNPA0 antibody

Phospho-HNRNPA0 (Ser84) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31447	Rabbit	Human, Mouse, Rat Predicted Reactivity: Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

HNRNPA0; Polyclonal Antibody; Phospho-HNRNPA0 (Ser84) Antibody; Heterogeneous nuclear ribonucleoprotein A0; hnRNA binding protein; hnRNP A0; HNRPA0; ROAO_HUMAN; anti-HNRNPA0 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-HNRNPA0 (Ser84) Antibody detects endogenous levels of HNRNPA0 only when phosphorylated at Ser84.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HNRNPA0 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Application Notes	WB: 1:1000-3000 IHC: 1:50-1:200 Peptide ELISA: 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human HNRNPA0 around the phosphorylation site of Ser84.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylated at Ser-84 by MAPKAPK2 in response to LPS treatment, promoting stabilization of GADD45A mRNA. Arg-291 is dimethylated, probably to asymmetric dimethylarginine.
Subcellular Location	Nucleus. Note: Component of ribonucleosomes.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
At 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Mouse colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
Staining Rat stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPA0 antibody	mRNA-binding component of ribonucleosomes. Specifically binds AU-rich element (ARE)-containing mRNAs. Involved in post-transcriptional regulation of cytokines mRNAs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803036
NCBI GeneID	10949
NCBI Accession #	NP_006796.1
NCBI GenBank Nucleotide #	NM_006805.3
UniProt Accession #	Q13151; Q6IB18
Molecular Weight	30,841 Da
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein A0
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein A0
NCBI Official Symbol	HNRNPA0
NCBI Official Synonym Symbols	HNRPA0
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein A0
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein A0
UniProt Gene Name	HNRNPA0

UniProt Synonym Gene Names	HNRPA0; hnRNP A0
UniProt Entry Name	ROA0_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/hnrnpa0-antibody-western-blot-immunohistochemistry-peptide-elisa-elisa/31447>