BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-HNRNPA0 Antibody (Monoclonal, 32H46)

Catalog Number: M09015-1

About HNRNPA0

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 RNAs, followed by a glycine-rich C-terminus. [provided by RefSeq, Jul 2008]

Overview

Product Name	Anti-HNRNPA0 Antibody (Monoclonal, 32H46)
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-HNRNPA0 Antibody (Monoclonal, 32H46) catalog # M09015-1. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 32H46
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13151

Technical Details

Immunogen	Recombinant protein within human HNRNPA0 aa 3-248.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

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Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200 Flow Cytometry (Fixed), 1:50-200

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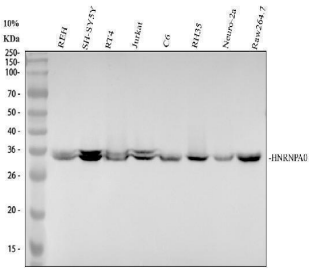
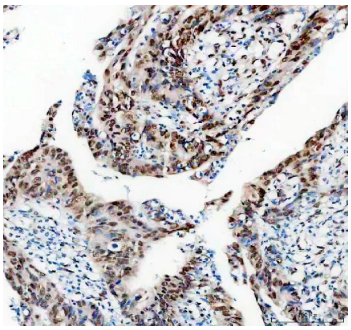
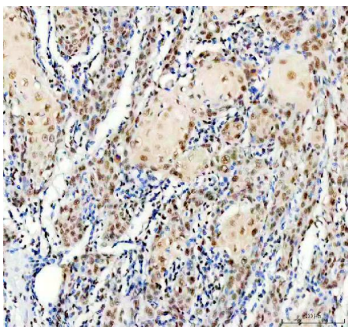
Anti-HNRNPA0 Antibody (Monoclonal, 32H46) (M09015-1) Images



Western blot analysis of HNRNPA0/MRC1 using anti-HNRNPA0/MRC1 antibody (M09015-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human REH whole cell lysates, Lane 2: human SH-SY5Y whole cell lysates, Lane 3: human RT4 whole cell lysates, Lane 4: human Jurkat whole cell lysates, Lane 5: rat C6 whole cell lysates, Lane 6: rat RH35 whole cell lysates, Lane 7: mouse Neuro-2a whole cell lysates, Lane 8: mouse RAW264.7 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-HNRNPA0/MRC1 antigen affinity purified monoclonal antibody (M09015-1) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for HNRNPA0/MRC1 at approximately 34-35 kDa. The expected band size for HNRNPA0/MRC1 is at 31 kDa.



IHC analysis of HNRNPA0/MRC1 using anti-HNRNPA0/MRC1 antibody (M09015-1). HNRNPA0/MRC1 was detected in a paraffin-embedded section of human colon cancer 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 1:200 rabbit anti-HNRNPA0/MRC1 Antibody (M09015-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of HNRNPA0/MRC1 using anti-HNRNPA0/MRC1 antibody (M09015-1). HNRNPA0/MRC1 was detected in a paraffin-embedded section of human skin cancer 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 1:200 rabbit anti-HNRNPA0/MRC1 Antibody (M09015-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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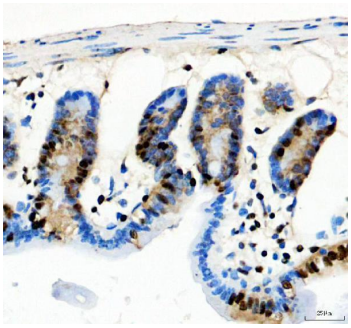
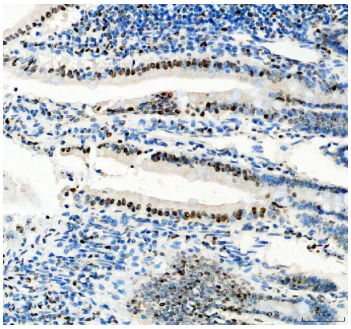


IHC analysis of HNRNPA0/MRC1 using anti-HNRNPA0/MRC1 antibody (M09015-1). HNRNPA0/MRC1 was detected in a paraffin-embedded section of mouse colon tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:200 rabbit anti-HNRNPA0/MRC1 Antibody (M09015-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of HNRNPA0/MRC1 using anti-HNRNPA0/MRC1 antibody (M09015-1). HNRNPA0/MRC1 was detected in a paraffin-embedded section of rat colon 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 1:200 rabbit anti-HNRNPA0/MRC1 Antibody (M09015-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

Anti-HNRNPA0 Antibody (Monoclonal, 32H46)

For Research Use Only. Not for use in diagnostic procedures.