BOSTER BIOLOGICAL TECHNOLOGY
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Anti-NUFIP2 Antibody Picoband®

Catalog Number: A09386-1

About NUFIP2

Enables RNA binding activity. Located in several cellular components, including cytoplasmic stress granule; nuclear body; and ribosome.

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Overview

Product Name	Anti-NUFIP2 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NUFIP2 Antibody Picoband® catalog # A09386-1. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q7Z417

Technical Details

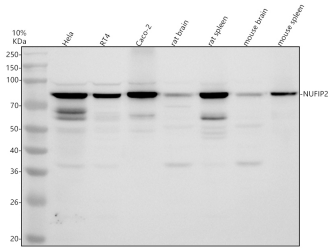
Immunogen	E.coli-derived human NUFIP2 recombinant protein (Position: N118-Q695).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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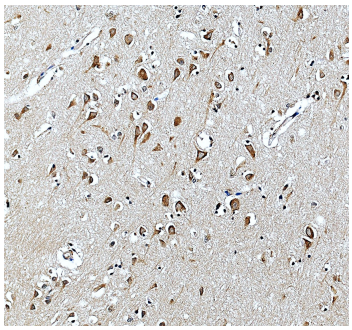
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Human Immunoprecipitation, 0.5-2 ug/ml, Human ELISA, 0.1-0.5 ug/ml

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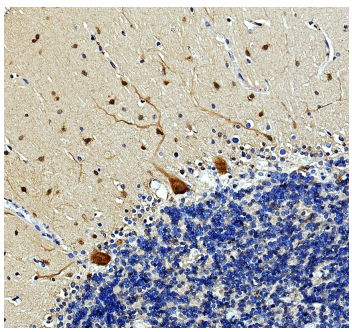
Anti-NUFIP2 Antibody Picoband® (A09386-1) Images



Western blot analysis of NUFIP2 using anti-NUFIP2 antibody (A09386-1). 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 HeLa whole cell lysates, Lane 2: human RT4 whole cell lysates, Lane 3: human Caco-2 whole cell lysates, Lane 4: rat brain tissue lysates, Lane 5: rat spleen tissue lysates, Lane 6: mouse brain tissue lysates, Lane 7: mouse spleen tissue 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-NUFIP2 antigen affinity purified polyclonal antibody (A09386-1) at 0.5 ug/mL 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 NUFIP2 at approximately 76 kDa. The expected band size for NUFIP2 is at 76 kDa.



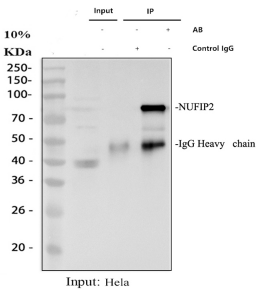
IHC analysis of NUFIP2 using anti-NUFIP2 antibody (A09386-1). NUFIP2 was detected in a paraffin-embedded section of human brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-NUFIP2 Antibody (A09386-1) 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 NUFIP2 using anti-NUFIP2 antibody (A09386-1). NUFIP2 was detected in a paraffin-embedded section of human cerebellum 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-NUFIP2 Antibody (A09386-1) 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.

Immunoprecipitating NUFIP2 in Hela whole cell lysate. Western blot analysis of NUFIP2 using anti-NUFIP2 antibody

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(A09386-1). Lane 1: Hela whole cell lysates (30ug), Lane 2: Rabbit control IgG instead of anti-NUFIP2 antibody in Hela whole cell lysate, Lane 3: anti-NUFIP2 antibody (2ug) + Hela whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-NUFIP2 antigen affinity purified polyclonal antibody (A09386-1) at a dilution of 0.5 ug/mL and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for NUFIP2 at approximately 76 kDa. The expected band size for NUFIP2 is at 76 kDa.

Anti-NUFIP2 Antibody

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