BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-MYBBP1A Antibody Picoband®

Catalog Number: A04187-2

About MYBBP1A

Enables E-box binding activity and transcription corepressor activity. Involved in circadian regulation of gene expression and negative regulation of DNA-templated transcription. Acts upstream of or within respiratory electron transport chain. Located in cytoplasm and nucleolus. Part of NLS-dependent protein nuclear import complex. Is expressed in several structures, including alimentary system; brain; genitourinary system; integumental system; and limb. Orthologous to human MYBBP1A (MYB binding protein 1a).

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Overview

Product Name	Anti-MYBBP1A Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-MYBBP1A Antibody Picoband® catalog # A04187-2. Tested in WB, ICC/IF, ELISA applications. This antibody reacts with Mouse, Rat.
Application	ELISA, IF, ICC, 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	Q7TPV4

Technical Details

Immunogen	E.coli-derived mouse MYBBP1A recombinant protein (Position: D39-R1316). Mouse MYBBP1A shares 69.7% and 89% amino acid (aa) sequence identity with human and rat MYBBP1A, respectively.
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 ug/ml, Mouse ELISA, 0.1-0.5 ug/ml

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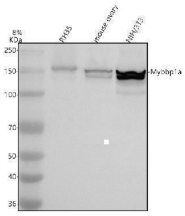
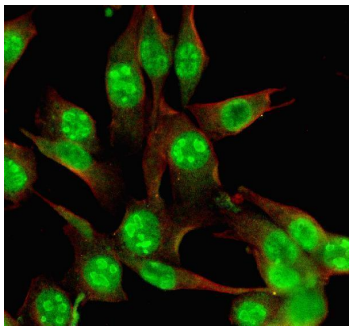
Anti-MYBBP1A Antibody Picoband® (A04187-2) Images



Western blot analysis of MYBBP1A using anti-MYBBP1A antibody (A04187-2). Electrophoresis was performed on a 8% 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: rat RH35 whole cell lysates, Lane 2: mouse ovary tissue lysates, Lane 3: mouse NIH/3T3 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-MYBBP1A antigen affinity purified polyclonal antibody (A04187-2) 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 MYBBP1A at approximately 150 kDa. The expected band size for MYBBP1A is at 149 kDa.



IF analysis of MYBBP1A using anti-MYBBP1A antibody (A04187-2) and anti-Beta Tubulin antibody (M01857-3). MYBBP1A was detected in an immunocytochemical section of NIH/3T3 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-MYBBP1A Antibody (A04187-2) and mouse anti-Beta Tubulin antibody (M01857-3) overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG (BA1127) and Cy3 Conjugated Goat Anti-Mouse IgG (BA1031) were used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37°C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

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