

Anti-MCMBP Antibody Picoband®

Catalog Number: A08501-1

About MCMBP

This gene encodes a protein which is a component of the hexameric minichromosome maintenance (MCM) complex which regulates initiation and elongation of DNA. Multiple transcript variants encoding different isoforms have been found for this gene.

Overview

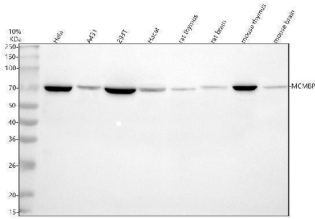
Product Name	Anti-MCMBP Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MCMBP Antibody Picoband® catalog # A08501-1. Tested in WB, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees 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, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
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	Q9BTE3

Technical Details

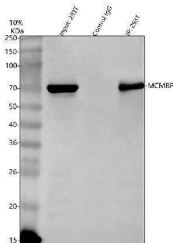
Immunogen	E.coli-derived human MCMBP recombinant protein (Position: E234-E534). Human MCMBP shares 94.7% and 95% amino acid (aa) sequence identity with mouse and rat MCMBP, respectively.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat Immunoprecipitation, 2-4 ug/ml, Human ELISA, 0.1-0.5 ug/ml

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Anti-MCMBP Antibody Picoband® (A08501-1) Images



Western blot analysis of MCMBP using anti-MCMBP antibody (A08501-1). 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 A431 whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: human Hacat whole cell lysates, Lane 5: rat thymus tissue lysates, Lane 6: rat brain tissue lysates, Lane 7: mouse thymus tissue lysates, Lane 8: mouse brain 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-MCMBP antigen affinity purified polyclonal antibody (A08501-1) 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 MCMBP at approximately 73 kDa. The expected band size for MCMBP is at 73 kDa.



Immunoprecipitating MCMBP in 293T whole cell lysate. Western blot analysis of MCMBP using anti-MCMBP antibody (A08501-1). Lane 1: 293T whole cell lysates (30ug), Lane 2: Rabbit control IgG instead of anti-MCMBP antibody in 293T whole cell lysate, Lane 3: anti-MCMBP antibody (2ug) + 293T whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-MCMBP antigen affinity purified polyclonal antibody (A08501-1) 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 MCMBP at approximately 73 kDa. The expected band size for MCMBP is at 73 kDa.

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Anti-MCMBP Antibody

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