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

Anti-MUM1/PWWP3A Antibody Picoband®

Catalog Number: A02544-2

About PWWP3A

Predicted to enable nucleosome binding activity. Predicted to be involved in DNA repair and chromatin organization. Predicted to be located in nucleoplasm. Predicted to be active in cytosol and nucleus. Is expressed in several structures, including foregut; ganglia; midbrain lateral wall; nose; and tooth. Orthologous to human PWWP3A (PWWP domain containing 3A, DNA repair factor).

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Overview

Product Name	Anti-MUM1/PWWP3A Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-MUM1/PWWP3A Antibody Picoband® catalog # A02544-2. Tested in WB, ELISA applications. This antibody reacts with 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, 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	Q6DID5

Technical Details

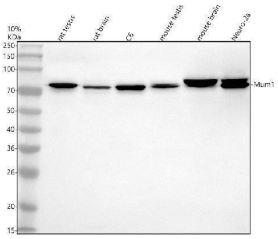
Immunogen	E.coli-derived mouse MUM1/PWWP3A recombinant protein (Position: E57-R682). Mouse MUM1/PWWP3Ashares 58.5% and 86.4% amino acid (aa) sequence identity with human and rat MUM1/PWWP3A, respectively.
Form	Lyophilized

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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, Mouse, Rat ELISA, 0.1-0.5 ug/ml

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Anti-MUM1/PWWP3A Antibody Picoband® (A02544-2) Images



Western blot analysis of MUM1/PWWP3A using anti-MUM1/PWWP3A antibody (A02544-2). 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: rat testis tissue lysates, Lane 2: rat brain tissue lysates, Lane 3: rat C6 whole cell lysates, Lane 4: mouse testis tissue lysates, Lane 5: mouse brain tissue lysates, Lane 6: mouse Neuro-2a 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-MUM1/PWWP3A antigen affinity purified polyclonal antibody (A02544-2) 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 MUM1/PWWP3A at approximately 79 kDa. The expected band size for MUM1/PWWP3A is at 79 kDa.

Anti-MUM1/PWWP3A Antibody

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