BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-IQGAP3 Antibody Picoband®

Catalog Number: A09547-1

About IQGAP3

Enables calmodulin binding activity and myosin VI light chain binding activity. Predicted to be involved in mitotic actomyosin contractile ring assembly actin filament organization. Predicted to act upstream of or within several processes, including G1/S transition of mitotic cell cycle; intracellular signaling cassette; and regulation of macromolecule metabolic process. Predicted to be located in cytosol. Predicted to be active in cell cortex.

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Overview

Product Name	Anti-IQGAP3 Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-IQGAP3 Antibody Picoband® catalog # A09547-1. Tested in WB, ELISA applications. This antibody reacts with Human, Mouse. 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	Q86VI3

Technical Details

Immunogen	E.coli-derived human IQGAP3 recombinant protein (Position: E238-E1417).
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, Human, Mouse ELISA, 0.1-0.5 ug/ml

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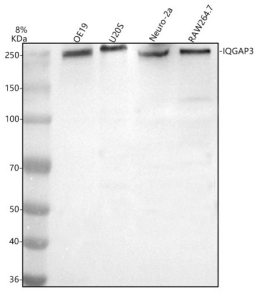
Anti-IQGAP3 Antibody Picoband® (A09547-1) Images



Western blot analysis of IQGAP3 using anti-IQGAP3 antibody (A09547-1). 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: human OE19 whole cell lysates, Lane 2: human U2OS whole cell lysates, Lane 3: mouse Neuro-2a whole cell lysates, Lane 4: 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-IQGAP3 antigen affinity purified polyclonal antibody (A09547-1) 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 IQGAP3 at approximately 250 kDa. The expected band size for IQGAP3 is at 185 kDa.

Anti-IQGAP3 Antibody

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