

## Anti-MDGA2 Antibody Picoband®

Catalog Number: A10685-2

### About MDGA2

Predicted to be involved in regulation of synapse organization and spinal cord motor neuron differentiation. Predicted to act upstream of or within several processes, including motor behavior; negative regulation of neuron apoptotic process; and neuron migration. Predicted to be located in extracellular region and plasma membrane. Predicted to be active in GABA-ergic synapse; glutamatergic synapse; and postsynaptic density membrane.

### Overview

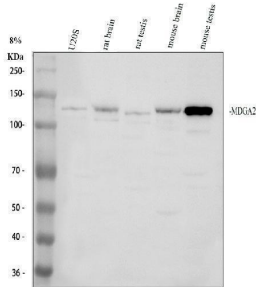
Product Name	Anti-MDGA2 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-MDGA2 Antibody Picoband® catalog # A10685-2. Tested in WB, ELISA applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, 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 Na <sub>2</sub> HPO <sub>4</sub> .
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	Q7Z553

### Technical Details

Immunogen	E.coli-derived human MDGA2 recombinant protein (Position: D132-Q892).
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, Mouse, Rat ELISA, 0.1-0.5 ug/ml



## Anti-MDGA2 Antibody Picoband® (A10685-2) Images



Western blot analysis of MDGA2 using anti-MDGA2 antibody (A10685-2). 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 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-MDGA2 antigen affinity purified polyclonal antibody (A10685-2) 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 MDGA2 at approximately 130 kDa. The expected band size for MDGA2 is at 107 kDa.

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### Anti-MDGA2 Antibody

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