BOSTER BIOLOGICAL TECHNOLOGY
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Anti-LRRC8D Antibody Picoband®

Catalog Number: A10146

About LRRC8D

Enables volume-sensitive anion channel activity. Involved in several processes, including monoatomic anion transmembrane transport; organic acid transmembrane transport; and protein hexamerization. Located in cytoplasm and plasma membrane. Part of monoatomic ion channel complex.

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Overview

Product Name	Anti-LRRC8D Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-LRRC8D Antibody Picoband® catalog # A10146. Tested in WB applications. This antibody reacts with 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	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	Q7L1W4

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human LRRC8D.(DSDLIYKLYVVQTVIKTAK).
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

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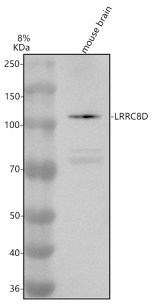
Anti-LRRC8D Antibody Picoband® (A10146) Images



Western blot analysis of LRRC8D using anti-LRRC8D antibody (A10146). 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: 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-LRRC8D antigen affinity purified polyclonal antibody (A10146) 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 LRRC8D at approximately 100 kDa. The expected band size for LRRC8D is at 98 kDa.

Anti-LRRC8D Antibody

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