

Anti-PLB1 Antibody Picoband®

Catalog Number: A08822-1

About PLB1

Predicted to enable carboxylic ester hydrolase activity. Acts upstream of or within positive regulation of acrosome reaction. Predicted to be located in apical plasma membrane. Predicted to be active in brush border membrane. Is expressed in diencephalon lateral wall mantle layer; hypothalamus mantle layer; lung; midbrain mantle layer; and telencephalon mantle layer. Orthologous to human PLB1 (phospholipase B1).

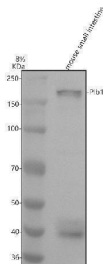
Overview

Product Name	Anti-PLB1 Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-PLB1 Antibody Picoband® catalog # A08822-1. 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 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	Q3TTY0

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PLB1.
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

Anti-PLB1 Antibody Picoband® (A08822-1) Images



Western blot analysis of PLB1 using anti-PLB1 antibody (A08822-1). 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: mouse small intestine 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-PLB1 antigen affinity purified polyclonal antibody (A08822-1) 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 PLB1 at approximately 163 kDa. The expected band size for PLB1 is at 163 kDa.

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Anti-PLB1 Antibody

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