BOSTER BIOLOGICAL TECHNOLOGY
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Anti-FILIP1 Antibody Picoband®

Catalog Number: A12395-1

About FILIP1

This gene encodes a filamin A binding protein. The encoded protein promotes the degradation of filamin A and may regulate cortical neuron migration and dendritic spine morphology. Mice lacking a functional copy of this gene exhibit reduced dendritic spine length and altered excitatory signaling.

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Overview

Product Name	Anti-FILIP1 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-FILIP1 Antibody Picoband® catalog # A12395-1. Tested in WB, ELISA applications. This antibody reacts with Human. 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	Q7Z7B0

Technical Details

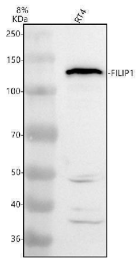
Immunogen	E.coli-derived human FILIP1 recombinant protein (Position: R254-D1064).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human ELISA, 0.1-0.5 ug/ml

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Anti-FILIP1 Antibody Picoband® (A12395-1) Images



Western blot analysis of FILIP1 using anti-FILIP1 antibody (A12395-1). 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 RT4 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-FILIP1 antigen affinity purified polyclonal antibody (A12395-1) 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 FILIP1 at approximately 138 kDa. The expected band size for FILIP1 is at 138 kDa.

Anti-FILIP1 Antibody

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