

Anti-SNAP47 Antibody Picoband®

Catalog Number: A11617-1

About SNAP47

Predicted to enable SNAP receptor activity and syntaxin binding activity. Predicted to be involved in synaptic vesicle fusion to presynaptic active zone membrane and synaptic vesicle priming. Predicted to act upstream of or within long-term synaptic potentiation. Located in BLOC-1 complex.

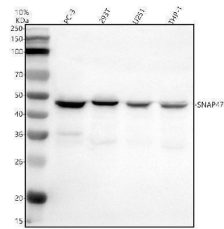
Overview

Product Name	Anti-SNAP47 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-SNAP47 Antibody Picoband® catalog # A11617-1. 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 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	Q5SQN1

Technical Details

Immunogen	E.coli-derived human SNAP47 recombinant protein (Position: M1-D440). Human SNAP47 shares 67.3% and 73.4% amino acid (aa) sequence identity with mouse and rat SNAP47, respectively.
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, Human ELISA, 0.1-0.5 ug/ml

Anti-SNAP47 Antibody Picoband® (A11617-1) Images



Western blot analysis of SNAP47 using anti-SNAP47 antibody (A11617-1). Electrophoresis was performed on a 10% 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 PC-3 whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: human U251 whole cell lysates, Lane 4: human THP-1 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-SNAP47 antigen affinity purified polyclonal antibody (A11617-1) 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 SNAP47 at approximately 47 kDa. The expected band size for SNAP47 is at 53 kDa.

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Anti-SNAP47 Antibody

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