BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-FBP17/FNBP1 Antibody Picoband®

**Catalog Number:** A05477-3

## About FNBP1

The protein encoded by this gene is a member of the formin-binding-protein family. The protein contains an N-terminal Fer/Cdc42-interacting protein 4 (CIP4) homology (FCH) domain followed by a coiled-coil domain, a proline-rich motif, a second coiled-coil domain, a Rho family protein-binding domain (RBD), and a C-terminal SH3 domain. This protein binds sorting nexin 2 (SNX2), tankyrase (TNKS), and dynamin; an interaction between this protein and formin has not been demonstrated yet in human.

## Overview

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|---|---|
| Product Name | Anti-FBP17/FNBP1 Antibody Picoband® |
| Reactive Species | Human, Mouse |
| Description | Boster Bio Anti-FBP17/FNBP1 Antibody Picoband® catalog # A05477-3. Tested in WB, ELISA applications. This antibody reacts with Human, 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 | 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 | Q96RU3 |

## Technical Details

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|---|---|
| Immunogen | E.coli-derived human FBP17/FNBP1 recombinant protein (Position: Q86-D583). |
| 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, Mouse<br>ELISA, 0.1-0.5 ug/ml |

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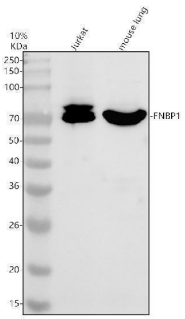
# Anti-FBP17/FNBP1 Antibody Picoband® (A05477-3) Images




Western blot analysis of FBP17/FNBP1 using anti-FBP17/FNBP1 antibody (A05477-3). 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 Jurkat whole cell lysates, Lane 2: mouse lung 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-FBP17/FNBP1 antigen affinity purified polyclonal antibody (A05477-3) 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 FBP17/FNBP1 at approximately 71 kDa. The expected band size for FBP17/FNBP1 is at 71 kDa.



Anti-FBP17/FNBP1 Antibody

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