

Anti-MIER3 Antibody Picoband®

Catalog Number: A14657-2

About MIER3

Predicted to enable histone deacetylase binding activity and transcription corepressor activity. Predicted to be involved in negative regulation of transcription by RNA polymerase II. Located in nucleoplasm. Part of protein-containing complex. Implicated in breast cancer and lung adenocarcinoma. Biomarker of breast cancer; invasive ductal carcinoma; and lung non-small cell carcinoma.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Overview

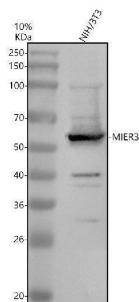
Product Name	Anti-MIER3 Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-MIER3 Antibody Picoband® catalog # A14657-2. Tested in WB, ELISA applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	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	Q7Z3K6

Technical Details

Immunogen	E.coli-derived human MIER3 recombinant protein (Position: D153-E550).
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 ELISA, 0.1-0.5 ug/ml

Anti-MIER3 Antibody Picoband® (A14657-2) Images



Western blot analysis of MIER3 using anti-MIER3 antibody (A14657-2). 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: mouse NIH/3T3 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-MIER3 antigen affinity purified polyclonal antibody (A14657-2) 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 MIER3 at approximately 65 kDa. The expected band size for MIER3 is at 61 kDa.

Anti-MIER3 Antibody

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