

Anti-TACC1 Antibody Picoband®

Catalog Number: A04196

About TACC1

Transforming acidic coiled-coil-containing protein 1 is a protein that in humans is encoded by the TACC1 gene. This locus may represent a breast cancer candidate gene. It is located close to FGFR1 on a region of chromosome 8 that is amplified in some breast cancers. Three transcript variants encoding different isoforms have been found for this gene.

Overview

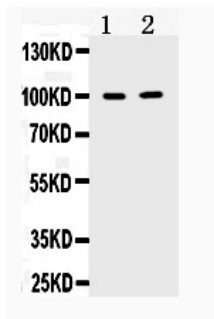
Product Name	Anti-TACC1 Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TACC1 Antibody Picoband® catalog # A04196. Tested in WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, 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	WB
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Storage Instructions	Store 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 freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O75410

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human TACC1, different from the related mouse sequence by fourteen amino acids.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
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, 0.1-0.5ug/ml, Human, Mouse

Anti-TACC1 Antibody Picoband® (A04196) Images



Western blot analysis of TACC1 using anti-TACC1 antibody (A04196). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. lane 1: mouse testis tissue lysate, lane 2: U87 whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA 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-TACC1 antigen affinity purified polyclonal antibody (Catalog # A04196) 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 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for TACC1 at approximately 100KD. The expected band size for TACC1 is at 88KD.

1 Publications Citing This Product

1. PubMed ID: -, Man-jing Jiang, Shuai Huang, Li Li et al. Rubus Suavissimus Alleviates High-fat Diet-induced Lipid Metabolism Disorder via Modulation of the PPAR / SREBP Pathway in Syrian Golden Hamsters, 16 December 2020, PREPRINT (Version 1) available at Research Square [ht

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Anti-TACC1 Antibody

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