

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.
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	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Western blot, 0.1-0.5ug/ml, Human, Mouse

Anti-TACC1 Antibody Picoband™ (A04196) Images

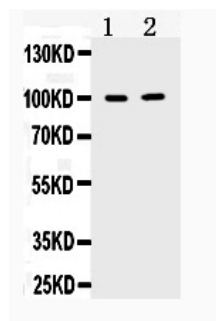


Figure 1. Western blot analysis of TACC1 using anti-TACC1 antibody (A04196).

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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