

Anti-TSNAXIP1 Antibody Picoband®

Catalog Number: A18904

About TSNAXIP1

Using mouse Trax as bait in a yeast 2-hybrid screen, Bray et al. (2002) cloned Tsnaxip1 from a mouse testis cDNA library. The deduced protein contains 709 amino acids and has a coiled-coil structure. Mouse Tsnaxip1 shares 74% homology with the predicted human protein. Northern blot analysis of mouse tissues detected a 2.8-kb transcript only in testis. Northern blot analysis of Tsnaxip1 in developing germ cells indicated predominantly postmeiotic expression. Fluorescence-tagged Tsnaxip1 transfected into mouse fibroblasts showed a cytoplasmic distribution and concentrated staining around the nucleus. Predicted to be involved in cell differentiation and spermatogenesis. Predicted to be located in perinuclear region of cytoplasm. Predicted to be active in cytoplasm

Overview

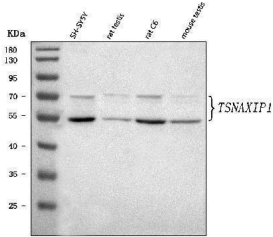
Product Name	Anti-TSNAXIP1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TSNAXIP1 Antibody Picoband® catalog # A18904. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees 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	Q2TAA8

Technical Details

Immunogen	E.coli-derived human TSNAXIP1 recombinant protein (Position: M1-E622).
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 µg/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat ELISA, 0.1-0.5 ug/ml, -

Anti-TSNAXIP1 Antibody Picoband® (A18904) Images



Western blot analysis of TSNAXIP1 using anti-TSNAXIP1 antibody (A18904). 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 30 ug of sample under reducing conditions. Lane 1: human SH-SY5Y whole cell lysates, Lane 2: rat testis tissue lysates, Lane 3: rat C6 whole cell lysates, Lane 4: mouse testis 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-TSNAXIP1 antigen affinity purified polyclonal antibody (Catalog # A18904) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for TSNAXIP1 at approximately 70 kDa, 50 kDa. The expected band size for TSNAXIP1 is at 77 kDa.

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