

Anti-NARG1/NAA15 Antibody Picoband®

Catalog Number: A05636-3

About NAA15

NMDA receptor-regulated protein 1 (NARG1), also known as GA19 or Tbdn100 is a protein that in humans is encoded by the NAA15 gene. It is mapped to chromosome 4. NARG1 is the auxiliary subunit of the NatA (Nalpha-acetyltransferase A) complex. Both, Naa15 and Naa16 interact with the ribosome in yeast (via the ribosomal proteins, uL23 and uL29), humans and rat, thereby linking the NatA/Naa10 to the ribosome and facilitating co-translational acetylation of nascent polypeptide chains as they emerges from the exit tunnel. Furthermore, Naa15 might act as a scaffold for other factors, including the chaperone like protein HYPK (Huntingtin Interacting Protein K) and Naa50, the catalytic acetyltransferase subunit of NatE.

Overview

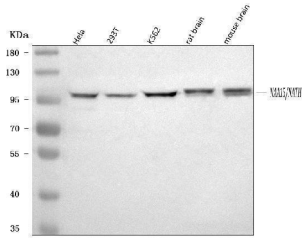
Product Name	Anti-NARG1/NAA15 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NARG1/NAA15 Antibody Picoband® catalog # A05636-3. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that 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	Q9BXJ9

Technical Details

Immunogen	E.coli-derived human NARG1/NAA15 recombinant protein (Position: E249-Y287).
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-NARG1/NAA15 Antibody Picoband® (A05636-3) Images



Western blot analysis of NARG1/NAA15 using anti-NARG1/NAA15 antibody (A05636-3). 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 Hela whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: human K562 whole cell lysates, Lane 4: rat brain tissue lysates, Lane 5: mouse brain 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-NARG1/NAA15 antigen affinity purified polyclonal antibody (Catalog # A05636-3) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for NARG1/NAA15 at approximately 100 kDa. The expected band size for NARG1/NAA15 is at 100,101 kDa.

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Anti-NARG1/NAA15 Antibody

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