BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DNAJC17 Antibody Picoband®

Catalog Number: A13225-2

About DNAJC17

Predicted to enable RNA binding activity. Predicted to be involved in spliceosomal complex disassembly. Predicted to act upstream of or within negative regulation of transcription by RNA polymerase II. Predicted to be located in cytoplasm and nucleus. Predicted to be part of spliceosomal complex.

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Overview

Product Name	Anti-DNAJC17 Antibody Picoband®
Reactive Species	Human, Rat
Description	Boster Bio Anti-DNAJC17 Antibody Picoband® catalog # A13225-2. Tested in WB, ICC/IF, IP, ELISA applications. This antibody reacts with Human, 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, IP, IF, ICC, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
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	Q9NVM6

Technical Details

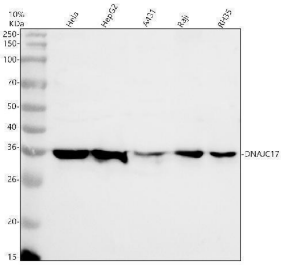
Immunogen	E.coli-derived human DNAJC17 recombinant protein (Position: E19-T304).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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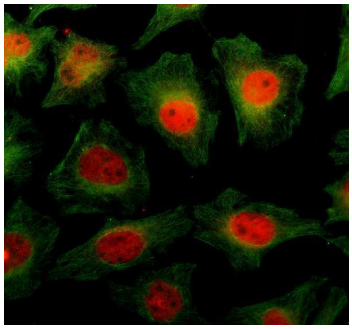
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Rat Immunocytochemistry/Immunofluorescence, 5 ug/ml, Human Immunoprecipitation, 0.5-2 ug/ml, Human ELISA, 0.1-0.5 ug/ml

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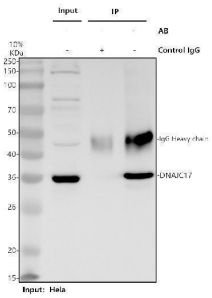
Anti-DNAJC17 Antibody Picoband® (A13225-2) Images



Western blot analysis of DNAJC17 using anti-DNAJC17 antibody (A13225-2). 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: human Hela whole cell lysates, Lane 2: human HepG2 whole cell lysates, Lane 3: human A431 whole cell lysates, Lane 4: human Raji whole cell lysates, Lane 5: rat RH35 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-DNAJC17 antigen affinity purified polyclonal antibody (A13225-2) 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 DNAJC17 at approximately 35 kDa. The expected band size for DNAJC17 is at 35 kDa.



IF analysis of DNAJC17 using anti-DNAJC17 antibody (A13225-2) and anti-Alpha Tubulin antibody (M03989-3). DNAJC17 was detected in an immunocytochemical section of Hela cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-DNAJC17 Antibody (A13225-2) and mouse anti-Alpha Tubulin antibody (M03989-3) overnight at 4°C. Cy3 Conjugated Goat Anti-Rabbit IgG (BA1032) and Fluoro488 Conjugated Goat Anti-Mouse IgG (BA1126) were used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37°C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



Immunoprecipitating DNAJC17 in Hela whole cell lysate. Western blot analysis of DNAJC17 using anti-DNAJC17 antibody (A13225-2). Lane 1: Hela whole cell lysates (30ug), Lane 2: Rabbit control IgG instead of anti-DNAJC17 antibody in Hela whole cell lysate, Lane 3: anti-DNAJC17 antibody (2ug) + Hela whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-DNAJC17 antigen affinity purified polyclonal antibody (A13225-2) at a dilution of 0.5 ug/mL and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for DNAJC17 at approximately 35 kDa. The expected band size for DNAJC17 is at 35 kDa.

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