

Anti-DDX19A/B Antibody Picoband®

Catalog Number: A11446-1

About DDX19A/B

Predicted to enable RNA helicase activity and mRNA binding activity. Predicted to be involved in poly(A)+ mRNA export from nucleus. Located in membrane.

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Overview

Product Name	Anti-DDX19A/B Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DDX19A/B Antibody Picoband® catalog # A11446-1. Tested in WB, IP, Flow Cytometry, ELISA 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, Flow Cytometry, IP, 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	Q9NUU7/Q9UMR2

Technical Details

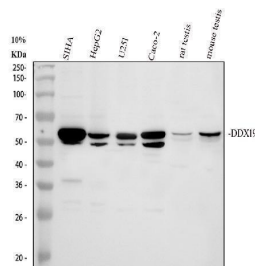
Immunogen	E.coli-derived human DDX19A/B recombinant protein (Position: A9-N478).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

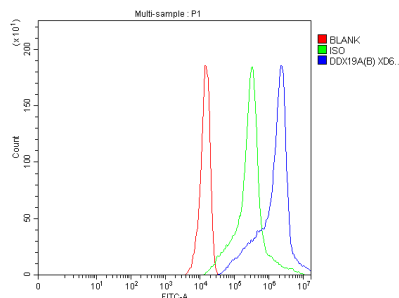
Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat
Immunoprecipitation, 0.5-2 ug/ml, Human
Flow Cytometry (Fixed), 1-3 ug/1x10⁶ cells, Human
ELISA, 0.1-0.5 ug/ml

Note: For flow cytometry (FCM), suitable for fixed cells only. Not suitable for FACS or surface flow cytometry using live cells.

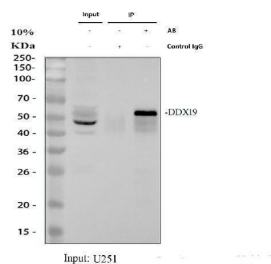
Anti-DDX19A/B Antibody Picoband® (A11446-1) Images



Western blot analysis of DDX19A/B using anti-DDX19A/B antibody (A11446-1). 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 SIHA whole cell lysates, Lane 2: human HepG2 whole cell lysates, Lane 3: human U251 whole cell lysates, Lane 4: human Caco-2 whole cell lysates, Lane 5: rat testis tissue lysates, Lane 6: 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-DDX19A/B antigen affinity purified polyclonal antibody (A11446-1) 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 DDX19A/B at approximately 54 kDa. The expected band size for DDX19A/B is at 54 kDa.



Flow Cytometry analysis of U251 cells using anti-DDX19A/B antibody (A11446-1). Overlay histogram showing U251 cells stained with A11446-1 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-DDX19A/B Antibody (A11446-1, 1 ug/1x10⁶ cells) for 30 min at 20°C. Fluoro488 conjugated goat anti-rabbit IgG (BA1127, 5-10 ug/1x10⁶ cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



Immunoprecipitating DDX19A,B in U251 whole cell lysate. Western blot analysis of DDX19A,B using anti-DDX19A,B antibody (A11446-1). Lane 1: U251 whole cell lysates (30ug), Lane 2: Rabbit control IgG instead of anti-DDX19A,B antibody in U251 whole cell lysate, Lane 3: anti-DDX19A,B antibody (2ug) + U251 whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-DDX19A,B antigen affinity purified polyclonal antibody (A11446-1) 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 DDX19A,B at approximately 54 kDa. The expected band size for DDX19A,B is at 54 kDa.

Anti-DDX19A/B Antibody

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