

Anti-CEP68 Antibody Picoband™

Catalog Number: A01704-1

About CEP68

Centrosomal protein of 68 kDa is a protein that in humans is encoded by the CEP68 gene. It is mapped to chromosome 2. CEP68 is required for centrosome cohesion. It decorates fibres emanating from the proximal ends of centrioles. CEP68 and rootletin depend both on each other for centriole association, and both also require CEP250 for their function.

Overview

Product Name	Anti-CEP68 Antibody Picoband™
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CEP68 Antibody Picoband™ catalog # A01704-1. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
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	Q76N32

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CEP68, which shares 73.2% and 75.6% amino acid (aa) sequence identity with mouse and rat EP68, respectively.
Predicted Reactive Species	Human
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.
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

Anti-CEP68 Antibody Picoband™ (A01704-1) Images

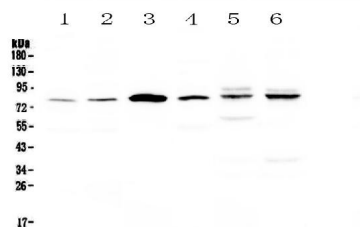


Figure 1. Western blot analysis of CEP68 using anti-CEP68 antibody (A01704-1).

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: human Hela whole cell lysates,
Lane 2: human COLO-320 whole cell lysates,
Lane 3: human SK-OV-3 whole cell lysates,
Lane 4: human Jurkat whole cell lysates,
Lane 5: rat heart tissue lysates,
Lane 6: mouse heart tissue 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-CEP68 antigen affinity purified polyclonal antibody (Catalog # A01704-1) 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 1:10000 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 CEP68 at approximately 81KD. The expected band size for CEP68 is at 81KD.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CEP68 Antibody™