

Anti-RANBP3 Antibody Picoband™

Catalog Number: A06252-1

About RANBP3

Ran-binding protein 3 is a protein that in humans is encoded by the RANBP3 gene. This gene encodes a protein with a RanBD1 domain that is found in both the nucleus and cytoplasm. This protein plays a role in nuclear export as part of a heteromeric complex. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Overview

Product Name	Anti-RANBP3 Antibody Picoband™
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RANBP3 Antibody Picoband™ catalog # A06252-1. Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal 1B9
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	Q9H6Z4

Technical Details

Immunogen	E.coli-derived human RANBP3 recombinant protein (Position: Q26-Q517).
Predicted Reactive Species	Bovine, Canine, Chicken, Primate, Sheep, Xenopus, Zebrafish
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	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

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, 0.5-1 µg/ml, Human, Mouse, Rat

ELISA, 0.1-0.5 µg/ml, Human

Anti-RANBP3 Antibody Picoband™ (A06252-1) Images

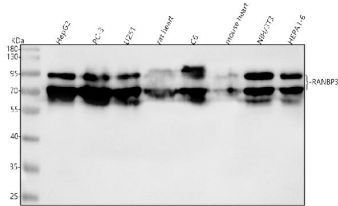


Figure 1. Western blot analysis of RANBP3 using anti-RANBP3 antibody (A06252-1).

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 30 ug of sample under reducing conditions.

Lane 1: human HepG2 whole cell lysates,

Lane 2: human PC-3 whole cell lysates,

Lane 3: human U251 whole cell lysates,

Lane 4: rat heart tissue lysates,

Lane 5: rat C6 whole cell lysates,

Lane 6: mouse heart tissue lysates,

Lane 7: mouse NIH/3T3 whole cell lysates,

Lane 8: mouse HEPA1-6 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-RANBP3 antigen affinity purified polyclonal antibody (Catalog # A06252-1) 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 Enhanced Chemiluminescent

detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for RANBP3 at

approximately 100 kDa. The expected band size for RANBP3 is at 60 kDa.

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-RANBP3 Antibody