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

Anti-ANKRD2 Antibody

Catalog Number: A05901-2

About ANKRD2

This gene encodes a protein that belongs to the muscle ankyrin repeat protein (MARP) family. A similar gene in rodents is a component of a muscle stress response pathway and plays a role in the stretch-response associated with slow muscle function. Alternative splicing results in multiple transcript variants encoding different isoforms.

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.

Overview

Product Name	Anti-ANKRD2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ANKRD2 Antibody catalog # A05901-2. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9GZV1

Technical Details

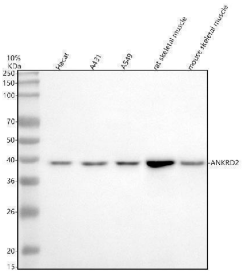
Immunogen	E.coli-derived human ANKRD2 recombinant protein (Position: A20-Q327).
Form	Liquid

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

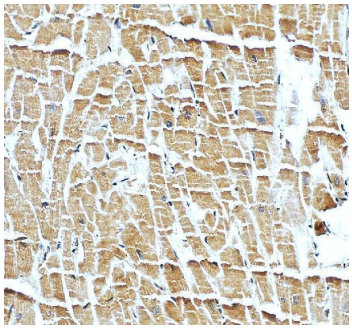
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 Immunoprecipitation, 1:50 ELISA, 1:100-1000

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

Anti-ANKRD2 Antibody (A05901-2) Images



Western blot analysis of ANKRD2 using anti-ANKRD2 antibody (A05901-2). Electrophoresis was performed on a 12% 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 Hacat whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: rat skeletal muscle tissue lysates, Lane 5: mouse skeletal muscle 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-ANKRD2 antigen affinity purified polyclonal antibody (A05901-2) at 1:1000 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 ANKRD2 at approximately 40 kDa. The expected band size for ANKRD2 is at 40 kDa.



IHC analysis of ANKRD2 using anti-ANKRD2 antibody (A05901-2). ANKRD2 was detected in a paraffin-embedded section of human heart tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-ANKRD2 Antibody (A05901-2) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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