BOSTER BIOLOGICAL TECHNOLOGY
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Anti-AMPK Alpha 2/PRKAA2 antibody

Catalog Number: A01420-1

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Overview

Product Name	Anti-AMPK Alpha 2/PRKAA2 antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-AMPK Alpha 2/PRKAA2 antibody catalog # A01420-1. 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	P54646

Technical Details

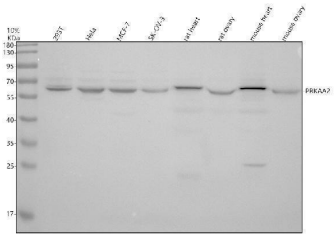
Immunogen	E.coli-derived human PRKAA2 recombinant protein (Position: H218-R552)
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 Immunoprecipitation, 1:50

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	ELISA, 1:100-1000

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Anti-AMPK Alpha 2/PRKAA2 antibody (A01420-1) Images



Western blot analysis of PRKAA2 using anti-PRKAA2 antibody (A01420-1). 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 293T whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human MCF-7 whole cell lysates, Lane 4: human SK-OV-3 whole cell lysates, Lane 5: rat heart tissue lysates, Lane 6: rat ovary tissue lysates, Lane 7: mouse heart tissue lysates, Lane 8: mouse ovary 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-PRKAA2 antigen affinity purified polyclonal antibody (A01420-1) 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 PRKAA2 at approximately 62 kDa. The expected band size for PRKAA2 is at 62 kDa.

Anti-AMPK Alpha 2/PRKAA2 antibody

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