BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Aconitase 2 Rabbit Monoclonal Antibody

Catalog Number: M03096-2

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Overview

Product Name	Anti-Aconitase 2 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Aconitase 2 Rabbit Monoclonal Antibody catalog # M03096-2. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal 20A46
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide 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	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q99798

Technical Details

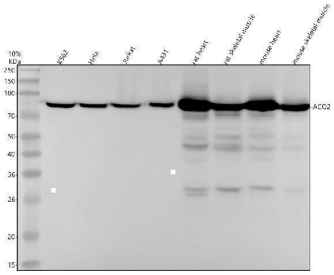
Immunogen	A synthesized peptide derived from human Aconitase 2
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:1000-5000

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	IHC 1:50-200 ICC/IF 1:50-200 IP 1:50

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Anti-Aconitase 2 Rabbit Monoclonal Antibody (M03096-2) Images



Western blot analysis of ACO2 using anti-ACO2 antibody (M03096-2). 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 K562 whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human A431 whole cell lysates, Lane 5: rat heart tissue lysates, Lane 6: rat skeletal muscle tissue lysates, Lane 7: mouse heart tissue lysates, Lane 8: 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-ACO2 antigen affinity purified monoclonal antibody (M03096-2) 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 ACO2 at approximately 85 kDa. The expected band size for ACO2 is at 85 kDa.

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