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

Anti-ACO1 Antibody (N-Term)

Catalog Number: M02781-1

About ACO1

Iron sensor. Binds a 4Fe-4S cluster and functions as aconitase when cellular iron levels are high. Functions as mRNA binding protein that regulates uptake, sequestration and utilization of iron when cellular iron levels are low. Binds to iron-responsive elements (IRES) in target mRNA species when iron levels are low. Binding of a 4Fe-4S cluster precludes RNA binding.

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Overview

Product Name	Anti-ACO1 Antibody (N-Term)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ACO1 Antibody (N-Term) (Catalog # M02781-1). Tested in WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P21399

Technical Details

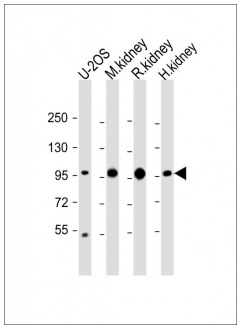
Immunogen	This ACO1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 124-155 amino acids from human ACO1.
Predicted Reactive Species	Rabbit
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.

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Suggested Dilutions	WB: 1:2000

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Anti-ACO1 Antibody (N-Term) (M02781-1) Images



All lanes : Anti-ACO1 Antibody (N-Term) at 1:2000 dilutionLane 1: U-2OS whole cell lysateLane 2: mouse kidney lysateLane 3: rat kidney lysateLane 4: human kidney lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 98 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

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