

ACO2 / Aconitase 2 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 51015-T60

GENERAL INFORMATION	
Immunogen:	Recombinant Mouse ACO2 / Aconitase 2 protein (Catalog#51015-M20B)
Preparation	Produced in rabbits immunized with purified, recombinant Mouse ACO2 / Aconitase 2 (Catalog#51015-M20B; Q99KI0; Gln28-Gln780). ACO2 / Aconitase 2 specific IgG was purified by Mouse ACO2 / Aconitase 2 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Mouse ACO2 / Aconitase 2
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB,ELISA,IHC-P,IP
RECOMMENDED CONCENTRATION	
IHC-P	IHC-P: 1:2500-1:10000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Mouse ACO2 / Aconitase 2.

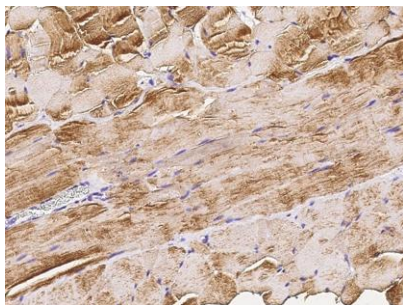
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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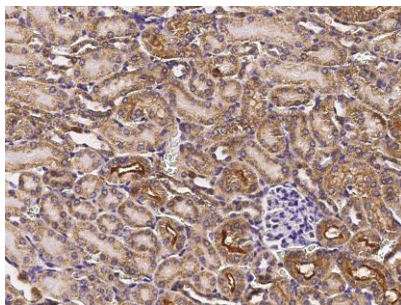


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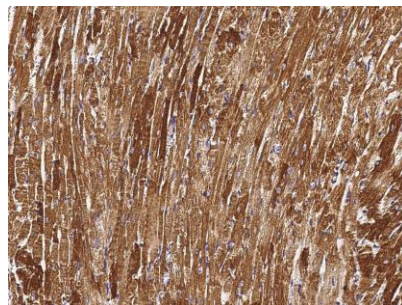
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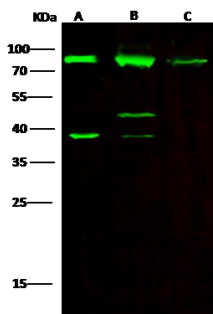
Immunohistochemical staining of mouse ACO2 in mouse skeletal muscle with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



Immunohistochemical staining of mouse ACO2 in mouse kidney with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



Immunohistochemical staining of mouse ACO2 in mouse heart with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



Anti-ACO2 rabbit polyclonal antibody at 1:500 dilution.

Lane A: Mouse brain tissue lysate

Lane B: Rat brain tissue lysate

Lane C: Jurkat Whole Cell Lysate

Lysates/proteins at 30 ug per lane.

Secondary

Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

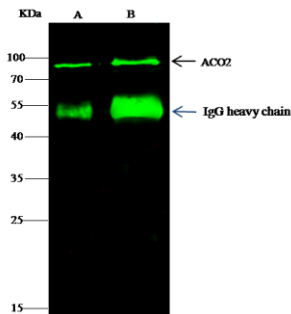
Developed using the Odyssey technique.

Performed under reducing conditions.

Predicted band size: 85 kDa

Observed band size: 85 kDa

(We are unsure as to the identity of these extra bands.)



Mouse ACO2 was immunoprecipitated using:

Lane A: 0.5 mg HeLa Whole Cell Lysate

Lane B: 0.5 mg 293T Whole Cell Lysate

2 µL anti-Mouse ACO2 rabbit polyclonal antibody and 15 µL of 50 % Protein G agarose.

Primary antibody:

Anti-Mouse ACO2 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:

Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.

Performed under reducing conditions.

Predicted band size: 85 kDa

Observed band size: 85 kDa