

Rabbit Aconitase 1 (ACO1) Polyclonal Antibody | anti-ACO1 antibody

Polyclonal Antibody to Aconitase 1 (ACO1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA147900	Rabbit	Mouse, Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

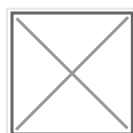
PRODUCT SYNONYMS

Aconitase 1 (ACO1); Polyclonal Antibody; Polyclonal Antibody to Aconitase 1 (ACO1); IREB1; IRP1; IREBP; Iron regulatory protein 1; Iron-responsive element-binding protein 1; Cytoplasmic aconitate hydratase; Citrate hydro-lyase; Ferritin repressor protein; anti-ACO1 antibody

PRODUCT SPECIFICATIONS

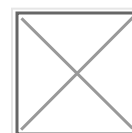
Host	Rabbit
Reactivity	Mouse, Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a Rabbit polyclonal antibody raised against ACO1. It has been selected for its ability to recognize ACO1 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence Length	889
Applicable Applications for anti-ACO1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Aconitase 1 (ACO1)
Cross Reactivity	Mouse
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: ACO1 knockout HepG2 cell lysate; Predicted MW: 98kd Observed MW: 100kd Primary Ab: 1ug/ml Rabbit Anti-Mouse ACO1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Western Blot: Sample: Porcine Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse ACO1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACO1 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110347487
NCBI GeneID	11428
NCBI Accession #	NP_031412.2
NCBI GenBank Nucleotide #	NM_007386.2
UniProt Accession #	P28271; Q3TQ15; Q99K54
Molecular Weight	98,126 Da
NCBI Official Full Name	cytoplasmic aconitate hydratase
NCBI Official Synonym Full Names	aconitase 1
NCBI Official Symbol	Aco1
NCBI Official Synonym Symbols	Irp1; Aco-1; Irebp
NCBI Protein Information	cytoplasmic aconitate hydratase
UniProt Protein Name	Cytoplasmic aconitate hydratase
UniProt Gene Name	Aco1
UniProt Synonym Gene Names	Ireb1; Irebp; Aconitase; IRP1; IRE-BP 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aconitase-1-ac01-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/147900>