

Goat ACO1/Aconitase 1 Polyclonal Antibody | anti-ACO1 antibody

Goat anti-ACO1/Aconitase 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61336	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

ACO1/Aconitase 1; Polyclonal Antibody; Goat anti-ACO1/Aconitase 1 Antibody; ACO1; aconitase 1; soluble; ACONS; IREB1; IREBP; IREBP1; IRP1; OTTHUMP00000021176; OTTHUMP00000021177; OTTHUMP00000045233; aconitate hydratase; citrate hydro-lyase; ferritin repressor protein; iron regulatory protein 1; iron-responsive elemen; ACO1 antibody; soluble antibody; ACONS antibody; IREB1 antibody; IREBP antibody; IREBP1 antibody; IRP1 antibody; OTTHUMP00000021176 antibody; OTTHUMP00000021177 antibody; OTTHUMP00000045233 antibody; aconitase 1 antibody; aconitate hydratase antibody; citrate hydro-lyase antibody; ferritin repressor protein antibody; iron regulatory protein 1 antibody; iron-responsive element binding protein 1 antibody; Aconitase 1; ACO1 / Aconitase 1; anti-ACO1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QVDFNRRADS LQKNQ
Sequence Length	889
Applicable Applications for anti-ACO1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QVDFNRRADSLQKNQ, from the internal region of the protein sequence according to NP_002188.1.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
0.1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8659555
NCBI GeneID	48
NCBI Accession #	NP_002188.1
NCBI GenBank Nucleotide #	NM_002197.2
Molecular Weight	98,399 Da
NCBI Official Full Name	cytoplasmic aconitate hydratase
NCBI Official Synonym Full Names	aconitase 1
NCBI Official Symbol	ACO1
NCBI Official Synonym Symbols	IRP1; ACONS; HEL60; IREB1; IREBP; IREBP1
NCBI Protein Information	cytoplasmic aconitate hydratase
UniProt Protein Name	Cytoplasmic aconitate hydratase
UniProt Gene Name	ACO1
UniProt Synonym Gene Names	IREB1; Aconitase; IRP1; IRE-BP 1
UniProt Entry Name	ACOC_HUMAN

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/aco1-aconitase-1-antibody-western-blot-peptide-elisa-elisa/61336>