

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

Polyclonal Antibody to Aconitase 1 (ACO1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132157	Rabbit	Human, Mouse, Rat, Pig	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

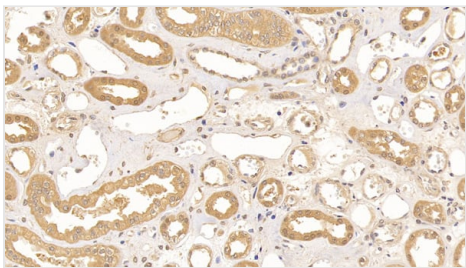
PRODUCT SYNONYMS

Aconitase 1 (ACO1); Polyclonal Antibody; Polyclonal Antibody to Aconitase 1 (ACO1); anti-ACO1 antibody

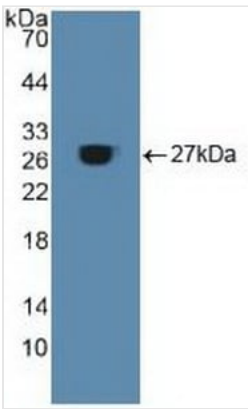
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, 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	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGS- PHPLVTSTDI VLTITKHLRQ VGVVGKFVEF FGPGVAQLSI ADRATIANMC PEYGATAAFF PVDEVSITYL VQTGRDEEKL KYIKKYLQAV GMFRDFNDPS QDPDFTQVVE LDLKTVVPCC SGPKRPQDKV AVSDMKKDFE SCLGAKQGFK GFQVAPEHHN DHKTFIYDNT EFTLAHGSVV IAAITSCNTNT SNP
Sequence Length	900
Applicable Applications for anti-ACO1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant ACO1 (Pro251~Pro443) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

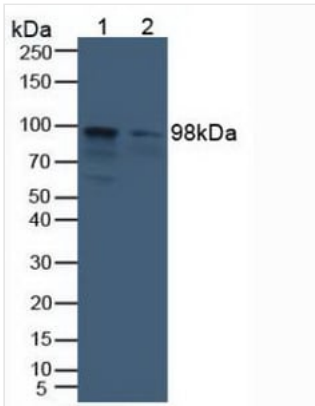
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P. Samples: Human Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant ACO1, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human Liver Tissue; Lane2: Human Hela Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	507834063
NCBI GeneID	48
NCBI Accession #	NP_001265281.1
NCBI GenBank Nucleotide #	NM_001278352.1
UniProt Accession #	P21399; Q14652; Q5VZA7; D3DRK7
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

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-aco1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132157>