

Goat Aconitase 2 Polyclonal Antibody | anti-ACO2 antibody

Goat anti-Aconitase 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61481	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig	Immunohistochemistry, Immunofluorescence, Western Blot, ELISA

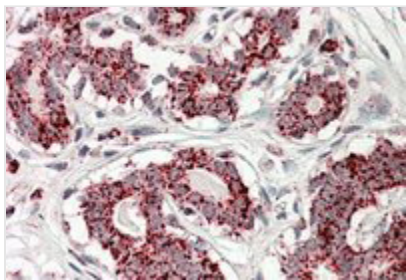
PRODUCT SYNONYMS

Aconitase 2; Polyclonal Antibody; Goat anti-Aconitase 2 Antibody; Goat Anti-Aconitase 2; Biotinylated Antibody; ACO2; aconitase 2; mitochondrial; ACONM; MGC20605; MGC33908; aconitate hydratase; citrate hydro-lyase; mitochondrial antibody; ACONM antibody; MGC20605 antibody; MGC33908 antibody; ACO2 antibody; anti-ACO2 antibody

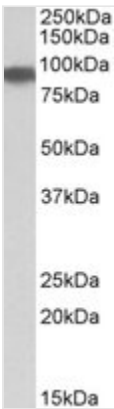
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig
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	QHVDVSPTSQ RLQ
Sequence Length	780
Applicable Applications for anti-ACO2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QHVDVSPTSQRLQ, from the internal region of the protein sequence according to NP_001089.1.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
3.8ug/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0. 01ug/ml) staining of Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501867
NCBI GeneID	50
NCBI Accession #	NP_001089.1
NCBI GenBank Nucleotide #	NM_001098.2
Molecular Weight	85,425 Da
NCBI Official Full Name	aconitate hydratase, mitochondrial
NCBI Official Synonym Full Names	aconitase 2
NCBI Official Symbol	ACO2
NCBI Official Synonym Symbols	ICRD; OCA8; OPA9; ACONM; HEL-S-284
NCBI Protein Information	aconitate hydratase, mitochondrial
UniProt Protein Name	Aconitate hydratase, mitochondrial
UniProt Gene Name	ACO2
UniProt Synonym Gene Names	Aconitase
UniProt Entry Name	ACON_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.