

Rabbit anti-Human, Mouse ACOD1 Antibody | anti-ACOD1 antibody

ACOD1 Polyclonal Antibody

CATALOG # AAA175967	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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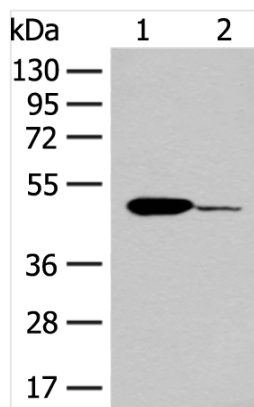
PRODUCT SYNONYMS

ACOD1; ACOD1 Polyclonal Antibody; CAD; Cis aconitate decarboxylase; Irg1; IRG1; OC116; OPTB1; TCTIRC7; anti-ACOD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Purity/Purification	Antigen affinity purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH 7.4
Applicable Applications for anti-ACOD1 antibody	WB (Western Blot)
Immunogen	Synthetic peptide of human ACOD1
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of Mouse heart tissue and K562 cell lysates using ACOD1 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-ACOD1 antibody

Involved in the inhibition of the inflammatory response. Acts as a negative regulator of the Toll-like receptors (TLRs)-mediated inflammatory innate response by stimulating the tumor necrosis factor alpha-induced protein TNFAIP3 expression via reactive oxygen species (ROS) in LPS-tolerized macrophages. Involved in antimicrobial response of innate immune cells; ACOD1-mediated itaconic acid production contributes to the antimicrobial activity of macrophages. Plays a role in the embryo implantation.

Product Categories/Family for anti-
ACOD1 antibody

Metabolism; Immunology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	385719224
NCBI GeneID	730249
NCBI Accession #	NP_001245335
NCBI GenBank Nucleotide #	NP_001245335.1
UniProt Accession #	A6NK06
Molecular Weight	Calculated MW: 53 kDa
NCBI Official Full Name	cis-aconitate decarboxylase
NCBI Official Synonym Full Names	aconitate decarboxylase 1
NCBI Official Symbol	ACOD1
NCBI Official Synonym Symbols	CAD; IRG1
NCBI Protein Information	cis-aconitate decarboxylase
UniProt Protein Name	Cis-aconitate decarboxylase
UniProt Gene Name	IRG1
UniProt Synonym Gene Names	CAD
UniProt Entry Name	IRG1_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://www.aaabiotech.com/rabbit-human-mouse-antibody/acod1/175967>