

## Anti-ACOD1 antibody

<b>Cat. No.</b>	ml263860
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-ACOD1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human ACOD1
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	1.32 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	ACOD1
<b>Full name</b>	aconitate decarboxylase 1
<b>Synonyms</b>	CAD; IRG1
<b>Swissprot</b>	A6NK06

### Target Background

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.

订购热线: 4008-898-798

**Applications**

**Western blotting**

Predicted band size:53 kDa

Positive control:Mouse heart tissue and K562 cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

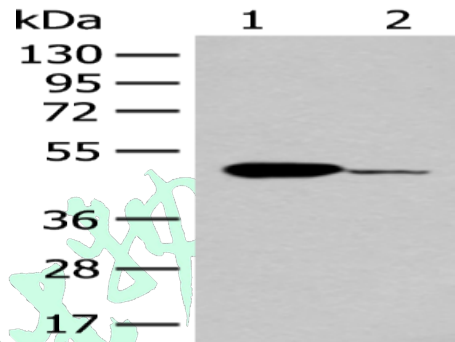
Lysate: 40 µg

Lane 1-2: Mouse heart tissue and K562 cell lysates

Primary antibody: ml263860(ACOD1 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



**ELISA**

Recommended dilution:5000-10000

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