

Datasheet for ABIN7248602

anti-IRG1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	IRG1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRG1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide of human ACOD1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	IRG1
Alternative Name:	ACOD1 (IRG1 Products)
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-

Target Details

mediated itaconic acid production contributes to the antimicrobial activity of macrophages.
Plays a role in the embryo implantation.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 53 kDa

UniProt: [A6NK06](#)

Application Details

Application Notes: WB 1:500-1:2000, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.32 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

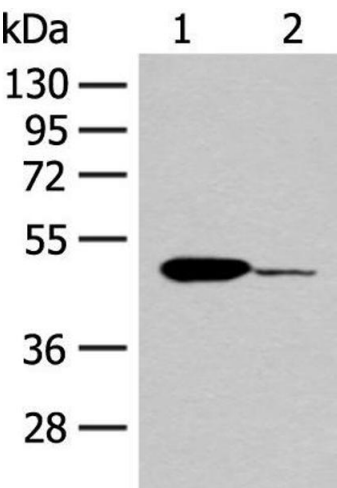
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

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