

Datasheet for ABIN7147801
anti-IRG1 antibody (AA 57-257)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	IRG1
Binding Specificity:	AA 57-257
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRG1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Cis-aconitate decarboxylase protein (57-257AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

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

Target Details

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.

Aliases: ACOD1 antibody, Aconitate decarboxylase 1 antibody, Aconitate decarboxylase antibody, CAD antibody, Cis aconitate decarboxylase antibody, Immune responsive gene 1 protein homolog antibody, Immune-responsive gene 1 protein homolog antibody, Immunoresponsive 1 homolog (mouse) antibody, Irg1 antibody, IRG1_HUMAN antibody, OC116 antibody, OPTB1 antibody, TCTIRC7 antibody

UniProt: [A6NK06](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

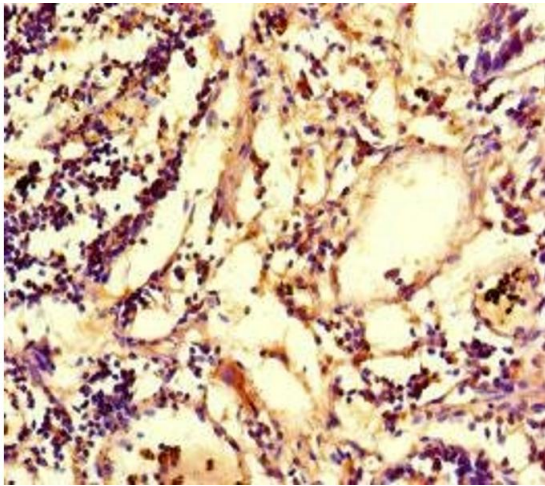
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

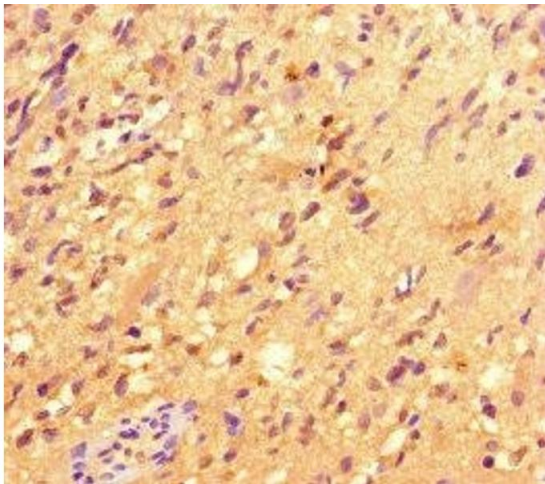
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human appendix tissue using ABIN7147801 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human glioma using ABIN7147801 at dilution of 1:100