

Rabbit anti-Human IRG1 Polyclonal Antibody | anti-IRG1 antibody

IRG1 Antibody

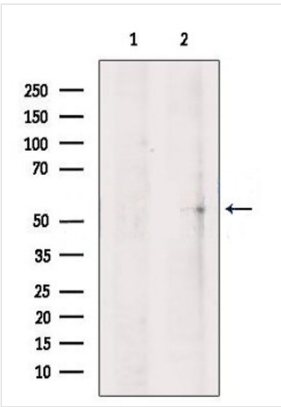
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327301	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

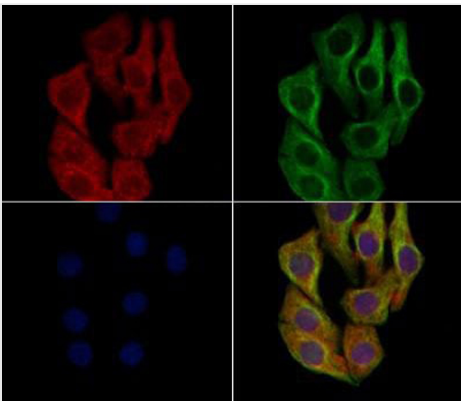
IRG1; Polyclonal Antibody; IRG1 Antibody; ACOD1; Aconitate decarboxylase 1; Aconitate decarboxylase; CAD; Cis aconitate decarboxylase; Immune responsive gene 1 protein homolog; Immune-responsive gene 1 protein homolog; Immuno-responsive 1 homolog (mouse); Irg1; IRG1_HUMAN; OC116; OPTB1; TCTIRC7; anti-IRG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	481
Applicable Applications for anti-IRG1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IRG1, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using IRG1 Ab. The lane on the left was treated with blocking peptide



IF (Immunofluorescence)
AAA327301 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(AAA327301 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	385719224
NCBI GeneID	730249
NCBI Accession #	NP_001245335.1
NCBI GenBank Nucleotide #	NM_001258406.1
UniProt Accession #	A6NKO6
Molecular Weight	55KD
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	ACOD1
UniProt Synonym Gene Names	IRG1; CAD

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.