

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

IRGM Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284125	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

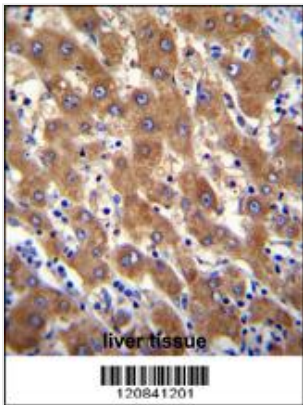
PRODUCT SYNONYMS

IRGM; Polyclonal Antibody; IRGM Antibody (C-term); Immunity-related GTPase family M protein; 365-; Immunity-related GTPase family M protein 1; Interferon-inducible protein 1; LPS-stimulated RAW 2647 macrophage protein 47 homolog; LRG-47; IFI1; IRGM1; LRG47; anti-IRGM antibody

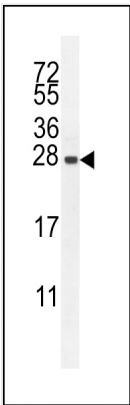
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IRGM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-179 amino acids from the C-terminal region of human IRGM.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	151-179
Sequence Length	181
Applicable Applications for anti-IRGM antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
IRGM Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of IRGM Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IRGM Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the IRGM antibody detected the IRGM protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IRGM antibody	This gene encodes a member of the p47 immunity-related GTPase family. The encoded protein may play a role in the innate immune response by regulating autophagy formation in response to intracellular pathogens. Polymorphisms that affect the normal expression of this gene are associated with a susceptibility to Crohn's disease and tuberculosis.
Product Categories/Family for anti-IRGM antibody	Cancer; Cardiovascular; Immunology; Metabolism; Signal Transduction
References	Che, N., et al. Clin. Chim. Acta 411 (21-22), 1645-1649 (2010) : Wolfkamp, S.C., et al. Eur J Gastroenterol Hepatol 22(8):933-937(2010) Latiano, A., et al. Inflamm. Bowel Dis. 16(7):1108-1117(2010) Prescott, N.J., et al. Hum. Mol. Genet. 19(9):1828-1839(2010) Bekpen, C., et al. PLoS Genet. 5 (3), E1000403 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	224809576
NCBI GeneID	345611
NCBI Accession #	NP_001139277.1
NCBI GenBank Nucleotide #	NM_001145805.1
UniProt Accession #	A1A4Y4; B3VEX0
Molecular Weight	20142
NCBI Official Full Name	immunity-related GTPase family M protein
NCBI Official Synonym Full Names	immunity-related GTPase family, M
NCBI Official Symbol	IRGM
NCBI Official Synonym Symbols	IFI1; IRGM1; LRG47; LRG-47
NCBI Protein Information	immunity-related GTPase family M protein
UniProt Protein Name	Immunity-related GTPase family M protein

UniProt Gene Name	IRGM
UniProt Synonym Gene Names	IFI1; IRGM1; LRG47; LRG-47
UniProt Entry Name	IRGM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/irgm-antibody-immunohistochemistry-western-blot-elisa/284125>