

Rabbit anti-Mouse, Rat IRGM Polyclonal Antibody | anti-IRGM antibody

RABBIT ANTI IRGM (INTERNAL REGION)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50053	Rabbit	Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

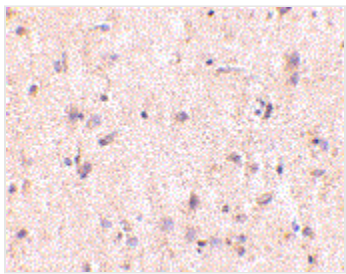
PRODUCT SYNONYMS

IRGM; Polyclonal Antibody; RABBIT ANTI IRGM (INTERNAL REGION); anti-IRGM antibody

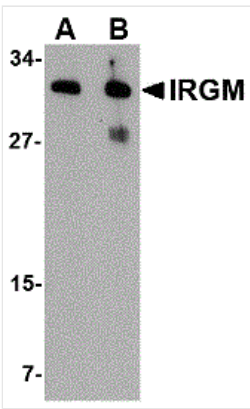
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	411
Applicable Applications for anti-IRGM antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	Synthetic peptide corresponding to a 14 aa sequence from near the centre of human IRGM. Histology Positive Control Tissue
Antiserum Preparation	Antiserum to human IRGM was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistochemical staining of human brain with Rabbit anti Human IRGM (AAA50053)



Application Data
Western blot analysis of human brain lysate probed with Rabbit anti Human IRGM (AAA50053) at 1(A) and 2(B) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-IRGM antibody	Rabbit anti IRGM (Internal Region) antibody recognizes human Immunity-related GTPase family M protein (IRGM), also known as LRG47. IRGM is a putative GTPase required for clearance of bacterial and protozoan infections. It funtions in the innate immune response, most likely through regulation of autophagy. IRGM may also function in the regulation of proinflammatory cytokine production and in macrophage adhesion and motility.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58865582
NCBI GeneID	303090
NCBI Accession #	NP_001012007.1
NCBI GenBank Nucleotide #	NM_001012007.1
Molecular Weight	46,338 Da
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; Ifggd3
NCBI Protein Information	immunity-related GTPase family M protein; interferon inducible protein 1; interferon-gamma-inducible GTPase Ifggd3 protein
UniProt Protein Name	Immunity-related GTPase family M protein
UniProt Gene Name	Irgm
UniProt Entry Name	IRGM_RAT

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.