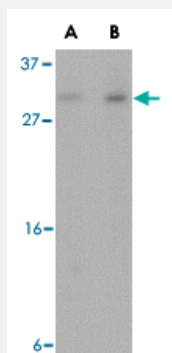


IRGM polyclonal antibody

Catalog # PAB13357 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of IRGM in rat brain tissue lysate with IRGM polyclonal antibody (Cat # PAB13357) at (A) 1 and (B) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IRGM.
Immunogen	A synthetic peptide corresponding to N-terminus 17 amino acids of human IRGM.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of IRGM in rat brain tissue lysate with IRGM polyclonal antibody (Cat # PAB13357) at (A) 1 and (B) 2 ug/mL .

Gene Info — IRGM

Entrez GeneID	345611
Protein Accession#	AAI28169
Gene Name	IRGM
Gene Alias	IFI1, IRGM1, LRG-47, LRG47, MGC149263, MGC149264
Gene Description	immunity-related GTPase family, M
Omim ID	608212
Gene Ontology	Hyperlink
Gene Summary	Members of the p47 immunity-related GTPase (IRG) family, including IRGM, play an important role in the murine immune system; however, in humans this resistance system is greatly reduced. There is evidence that human IRGM plays a role in autophagy and control of intracellular mycobacteria (Bekpen et al., 2005; Singh et al., 2006 [PubMed 16888103]).[supplied by OMIM]
Other Designations	-

Publication Reference

- [Genetic determinants of ulcerative colitis include the ECM1 locus and five loci implicated in Crohn's disease.](#)

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- [Genome-wide association scanning highlights two autophagy genes, ATG16L1 and IRGM, as being significantly associated with Crohn's disease.](#)

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- [Autophagy as a cell death and tumor suppressor mechanism.](#)

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Disease

- [Arthritis](#)
- [Celiac Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Granuloma](#)
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