

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IRG1



Numéro de catalogue: 28436-1-AP

Informations de base

Numéro de catalogue: 28436-1-AP	Numéro d'acquisition GenBank: NM_001258406	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 730249	Dilutions recommandées: WB 1:500-1:2000
Hôte: Lapin	Nom complet: immunoresponsive 1 homolog (mouse)	
Isotype: IgG	MW calculé: 53 kDa	
Immunogen Catalog Number: AG28913	MW observés: 50 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : IFN gamma+LPS treated THP-1 cells, cellules RAW 264.7 traitées au LPS
Spécificité de l'espèce: Humain, souris	

Informations générales

The host Immune-Responsive Gene 1 (IRG1; also called Aco1) is a mitochondrial enzyme induced under inflammatory conditions that produces the metabolite itaconate by decarboxylating cis-aconitate, a TCA cycle intermediate. Gene expression profiling studies of murine macrophages and microglial cells have revealed that IRG1 is highly expressed under pro-inflammatory conditions. Furthermore, IRG1 is highly expressed in the pregnant uterus during the early events leading to implantation, the specific phase of pregnancy in which high levels of inflammatory cytokines are secreted. IRG1 localizes to the mitochondria and may represent a key link between immunological and metabolic processes. IRG1 has crucial functions in embryonic implantation and neurodegeneration. Also, IRG1 promotes endotoxin tolerance by increasing A20 expression in macrophages via increased ROS production. (PMID: 25640654)

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

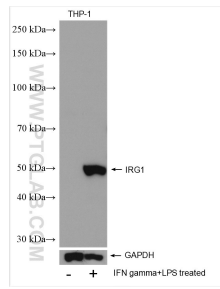
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



IFN gamma+LPS treated THP-1 cells were subjected to SDS PAGE followed by western blot with 28436-1-AP (IRG1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.