

À des fins de recherche uniquement

Anticorps Monoclonal anti-AIFM2/ FSP1



Numéro de catalogue: 68049-1-Ig

Informations de base

Numéro de catalogue: 68049-1-Ig	Numéro d'acquisition GenBank: BC023601	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 84883	CloneNo.: 1A2B2
Hôte: Mouse	Nom complet: apoptosis-inducing factor, mitochondrion-associated, 2	Dilutions recommandées: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:250-1:1000
Isotype: IgG1	MW calculé 41 kDa	
Immunogen Catalog Number: AG30516	MW observés: 41 kDa	

Applications

Applications testées:
FC, IHC, IP, WB, ELISA

Spécificité de l'espèce:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HepG2, cellules A549, cellules HEK-293, cellules K-562, cellules L02, cellules MCF-7, cellules NCI-H1299

IP : cellules K-562,

IHC : tissu hépatique de souris,

Informations générales

The human AIFM2 protein (also known as FSP1 or AMID) is an apoptosis associated flavoprotein with a 6-hydroxy FAD cofactor. AIFM2 is a NAD(P)H-binding oxidoreductase with some sequence similarities to A1FM1 (formerly known as AIF, Apoptosis Inducing Factor), a mitochondrion-associated enzyme which relocates to the cell nucleus during apoptosis and is considered to be a key player in the progression of cell death.

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.

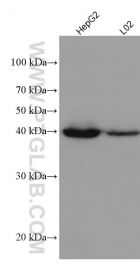
For technical support and original validation data for this product please contact:

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

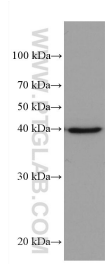
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

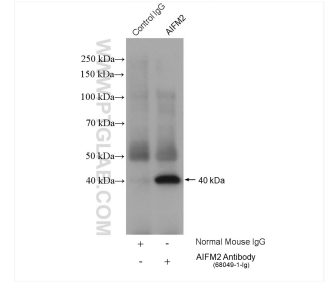
Données de validation sélectionnées



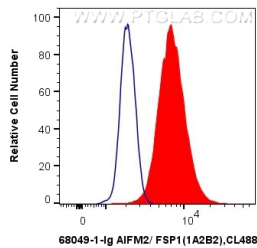
HepG2 cells were subjected to SDS PAGE followed by western blot with 68049-1-Ig (AIFM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



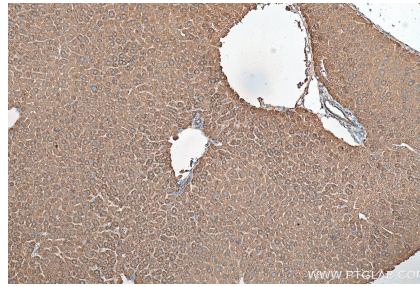
K-562 cells were subjected to SDS PAGE followed by western blot with 68049-1-Ig (AIFM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



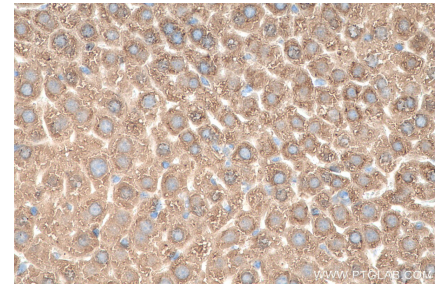
IP result of anti-AIFM2/ FSP1(IP:68049-1-Ig, 4ug; Detection:68049-1-Ig 1:500) with K-562 cells lysate 1760 ug.



1X10⁶ K-562 cells were intracellularly stained with 0.5 ug Anti-Human AIFM2 (68049-1-Ig, Clone:1A2B2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68049-1-Ig (AIFM2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68049-1-Ig (AIFM2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).