

For Research Use Only

AIFM2/ FSP1 Recombinant antibody

Catalog Number: 82974-1-RR



Basic Information

Catalog Number:

82974-1-RR

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13412

GenBank Accession Number:

BC023601

GeneID (NCBI):

84883

UNIPROT ID:

Q9BRQ8

Full Name:

apoptosis-inducing factor,
mitochondrion-associated, 2

Calculated MW:

41 kDa

Observed MW:

41 kDa

Purification Method:

Protein A purification

CloneNo.:

2J1

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 µg for 1.0-3.0 mg of total
protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, HepG2 cells

IP : HepG2 cells,

Background Information

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.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

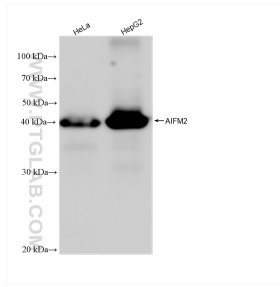
T: 4006900926

E: Proteintech-CN@ptglab.com

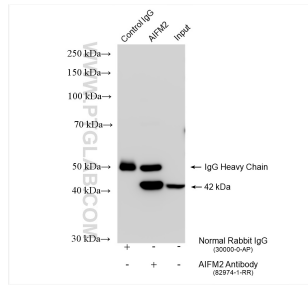
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82974-1-RR (AIFM2/ FSP1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-AIFM2/ FSP1 (IP:82974-1-RR, 4ug; Detection:82974-1-RR 1:3000) with HepG2 cells lysate 1085 ug.