

For Research Use Only

AIF Recombinant antibody

Catalog Number: 86156-1-RR



Basic Information

Catalog Number:

86156-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13268

GenBank Accession Number:

BC111065

GeneID (NCBI):

9131

UNIPROT ID:

O95831

Full Name:

apoptosis-inducing factor,
mitochondrion-associated, 1

Calculated MW:

609 aa, 66 kDa

Observed MW:

67 kDa

Purification Method:

Protein A purification

CloneNo.:

250772G11

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:500-1:2000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HEK-293T cells, Jurkat cells, K-562
cells, NIH/3T3 cells, C2C12 cells, C6 cells

IF/ICC : HeLa cells,

Background Information

Apoptosis-inducing factor (AIF) is one of the mitochondrial proteins to be released into the cytosol during apoptosis, and it is discovered as the first protein that regulates caspase-independent apoptosis (PMID:20494118). AIF is encoded as a 67 kDa protein that contains a mitochondrial localization signal (MLS) in the N-terminus. It is cleaved from the 62 kDa to the 57 kDa form following ischemic injury and translocated from the mitochondria to the nucleus in a calpain-dependent manner (PMID:19332058).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

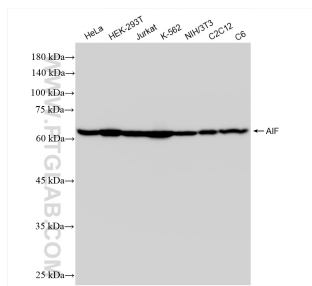
T: 4006900926

E: Proteintech-CN@ptglab.com

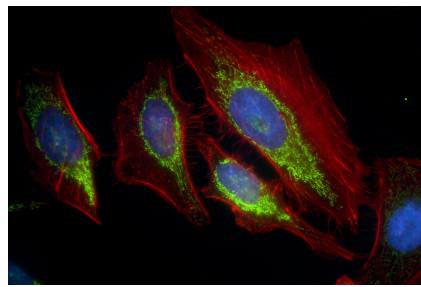
W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86156-1-RR (AIF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using AIF antibody (86156-1-RR, Clone: 250772G11) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).