

For Research Use Only

AIF Recombinant antibody, PBS Only

Catalog Number: 86156-3-PBS



Basic Information

Catalog Number:

86156-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.:

250772F8

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

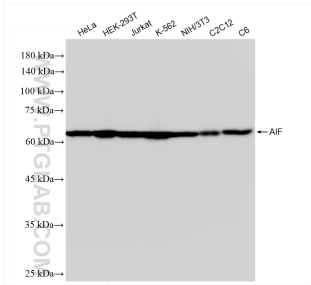
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86156-3-RR (AIF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86156-3-PBS in a different storage buffer formulation.