

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AIF



Numéro de catalogue: 17984-1-AP

Phare

61 Publications

Informations de base

Numéro de catalogue:
17984-1-AP

Taille:
150ul, Concentration: 500 µg/ml by
Nanodrop and 393 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG12400

Numéro d'acquisition GenBank:
BC111065

Identification du gène (NCBI):
9131

Nom complet:
apoptosis-inducing factor,
mitochondrion-associated, 1

MW calculé
609 aa, 66 kDa

MW observés:
67 kDa, 57 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:1000-1:8000
IP 0.5-4.0 ug for IP and 1:1000-1:4000
for WB
IHC 1:100-1:400
IF 1:50-1:500

Applications

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

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

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

Contrôles positifs:

WB : cellules HeLa, cellules NIH/3T3

IP : cellules HeLa,

IHC : tissu rénal humain,

IF : cellules HeLa,

Informations générales

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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Han Liao	26415619	Chem Biol Interact	WB
Juan M Gonzalez-Morena	36282364	Apoptosis	IF
Yu Zhao	33113431	Biomed Pharmacother	WB

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.

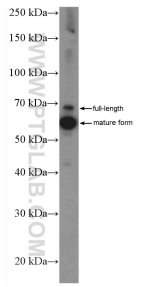
For technical support and original validation data for this product please contact:

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

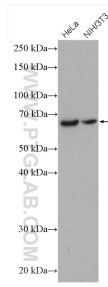
E: proteintech@ptglab.com
W: ptglab.com

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

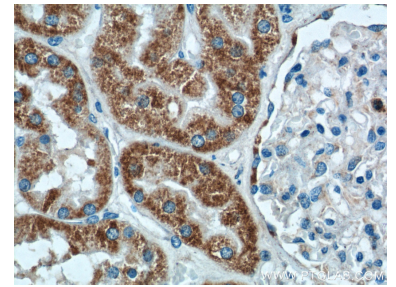
Données de validation sélectionnées



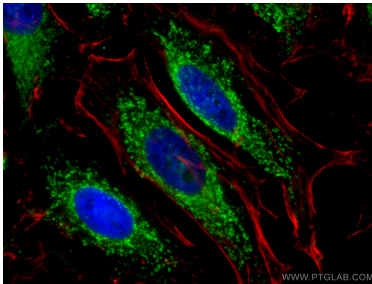
HeLa cells were subjected to SDS PAGE followed by western blot with 17984-1-AP (AIF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



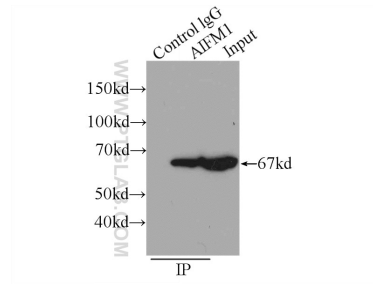
Various lysates were subjected to SDS PAGE followed by western blot with 17984-1-AP (AIF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



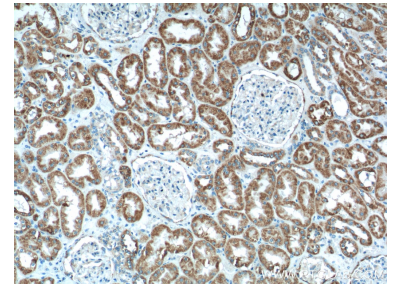
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17984-1-AP (AIF Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using AIF antibody (17984-1-AP) at dilution of 1:200 and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



IP Result of anti-AIF (IP:17984-1-AP, 3ug; Detection:17984-1-AP 1:2000) with HeLa cells lysate 1320ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17984-1-AP (AIF Antibody) at dilution of 1:200 (under 10x lens).