

Allgemeine Informationen

Katalog-Nr.:
17984-1-AP

Größe:
150ul , Konzentration: 500 µg/ml von
Nanodrop und 393 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG12400

GenBank-Zugangsnummer:
BC111065

GeneID (NCBI):
9131

Vollständiger Name:
apoptosis-inducing factor,
mitochondrion-associated, 1

Berechnete Masse:
609 aa, 66 kDa

Beobachtete Masse:
67 kDa, 57 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:8000
IP 0.5-4.0 ug für IP und 1:1000-1:4000
für WB
IHC 1:100-1:400
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, NIH/3T3-Zellen

IP : HeLa-Zellen,

IHC : humanes Nierengewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

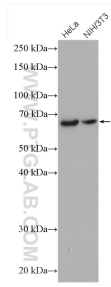
For technical support and original validation data for this product please contact:

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

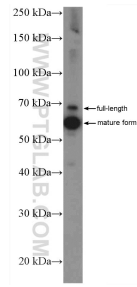
E: proteintech@ptglab.com
W: ptglab.com

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

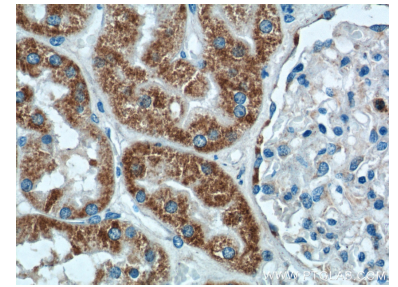
Ausgewählte Validierungsdaten



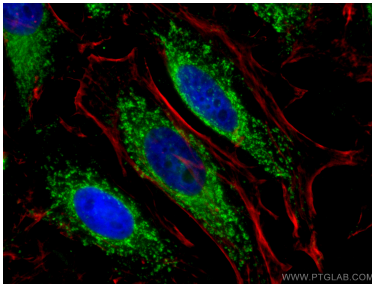
Various lysates were subjected to SDS PAGE followed by western blot with 17984-1-AP (AIF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



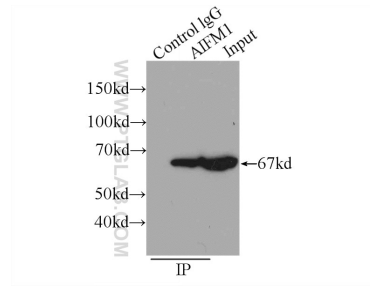
HeLa cells were subjected to SDS PAGE followed by western blot with 17984-1-AP (AIF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



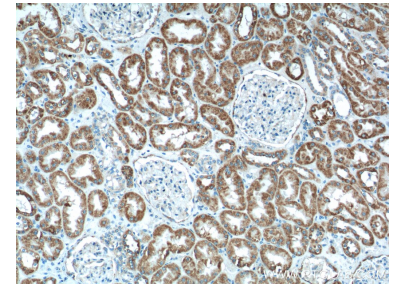
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17984-1-AP (AIF Antibody) at dilution of 1:200 (under 40x lens).



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).