

Nur für Forschungszwecke

AIF Monoklonaler Antikörper

Katalog-Nr.: 67791-1-Ig **2 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 67791-1-Ig	GenBank-Zugangsnummer: BC111065	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 9131 Nanodrop;	GeneID (NCBI): apoptosis-inducing factor, mitochondrion-associated, 1	CloneNo.: 8C12B2
Wirt: Maus	Vollständiger Name: apoptosis-inducing factor, mitochondrion-associated, 1	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF 1:200-1:800
Isotyp: IgG2a	Berechnete Masse: 609 aa, 66 kDa	
Immunogen Katalognummer: AG12400	Beobachtete Masse: 67 kDa, 57 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Hausschwein, Human, Hund, Maus, Ratte

Zitierte Arten:

Human, Ratte

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

Positivkontrollen:

WB: LNCaP-Zellen, Hausschweinhirnzellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, MDCK-Zellen, NIH-3T3-Zellen

IHC: humanes Nierengewebe,

IF: HeLa-Zellen, humanes Nierengewebe

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
Zhongren Xu	35671636	Redox Biol	WB
Kai Li	36856879	Inflammation	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

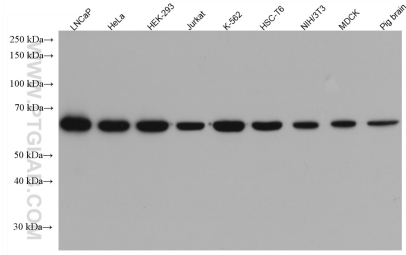
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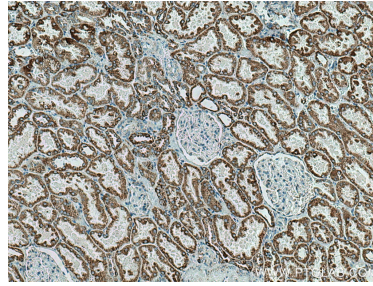
E: proteintech@ptglab.com
W: ptglab.com

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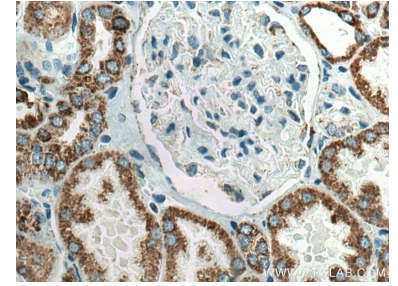
Ausgewählte Validierungsdaten



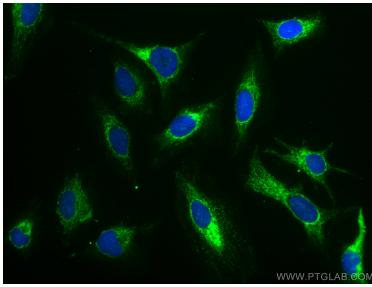
Various lysates were subjected to SDS PAGE followed by western blot with 67791-1-Ig (AIF antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



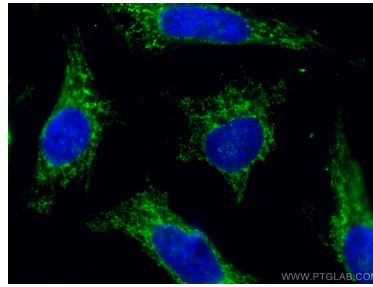
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 67791-1-Ig (AIF antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 67791-1-Ig (AIF antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AIF antibody (67791-1-Ig, Clone: 8C12B2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AIF antibody (67791-1-Ig, Clone: 8C12B2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).