Nur für Forschungszwecke

AIFM2/ FSP1 Polyklonaler Antikörper

Katalog-Nr.:20886-1-AP 54 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
20886-1-AP

Größe:
150ul , Konzentration: 500 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG13412

GenBank-Zugangsnummer:
BC023601

GeneID (NCBI):
84883

Vollständiger Name:
apoptosis-inducing factor, mitochondrion-associated, 2

Berechneté Masse:
41 kDa

Beobachteté Masse:
41 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:3000
IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
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 : Mausnierengewebe, Rattenlebergewebe

IP : L02-Zellen,

IHC : humanes Lebergewebe, humanes Herzgewebe, Mauslebergewebe

Hintergrundinformationen

The human AIFM2 protein (also known as FSP1 or AMID) is an apoptosis associated flavoprotein with a 6-hydroxy FAD cofactor. AIFM2 is a NAD(P)H-binding oxidoreductase with some sequence similarities to A1FM1 (formerly known as AIF, Apoptosis Inducing Factor), a mitochondrion-associated enzyme which relocates to the cell nucleus during apoptosis and is considered to be a key player in the progression of cell death.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Mengru Xie	32999278	Int J Oral Sci	WB
Chong Zeng	35968603	Cancer Sci	WB
Yanfei Shao	34745421	Oxid Med Cell Longev	WB,IHC

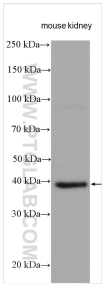
Lagerung

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

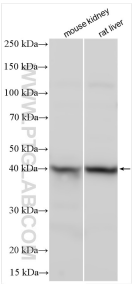
*** 20ul-Größen enthalten 0.1% BSA

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

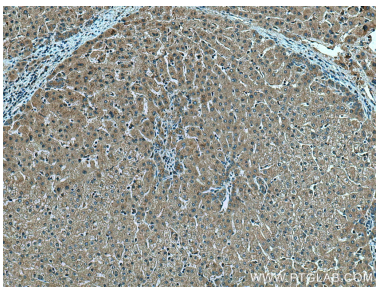
Ausgewählte Validierungsdaten



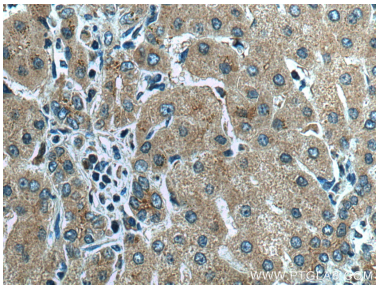
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 20886-1-AP (AIFM2/ FSP1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



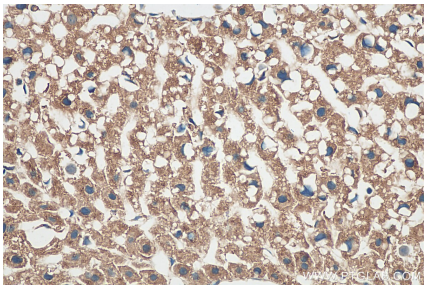
Various lysates were subjected to SDS PAGE followed by western blot with 20886-1-AP (AIFM2/ FSP1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



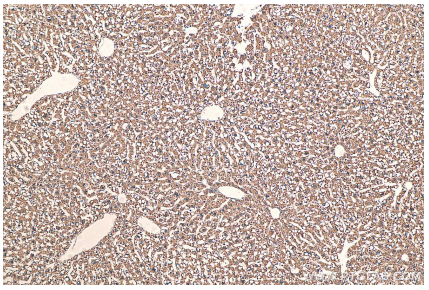
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 20886-1-AP (AIFM2/ FSP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



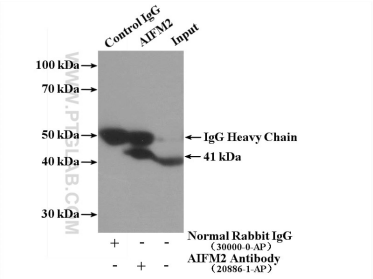
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 20886-1-AP (AIFM2/ FSP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 20886-1-AP (AIFM2/ FSP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 20886-1-AP (AIFM2/ FSP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-AIFM2 (IP:20886-1-AP, 4ug; Detection:20886-1-AP 1:300) with L02 cells lysate 1800ug.