

For Research Use Only

MFF Polyclonal antibody

Catalog Number: 17090-1-AP

Featured Product

132 Publications



Basic Information

Catalog Number:
17090-1-AP

Size:
150ul, Concentration: 450 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG9990

GenBank Accession Number:
BC000797

GeneID (NCBI):
56947

Full Name:
mitochondrial fission factor

Calculated MW:
38 kDa

Observed MW:
35-38 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:5000-1:50000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:500-1:2000
IF 1:50-1:500

Applications

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

Cited Applications:
IF, IHC, IP, WB

Species Specificity:
human, mouse, rat

Cited Species:
Chinese hamster ovary (CHO) cell, hamster, human, monkey, mouse, rat, squirrel

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brain tissue, rat brain tissue, mouse heart tissue, rat heart tissue

IP: mouse brain tissue,

IHC: human stomach tissue, mouse brain tissue

IF: HepG2 cells,

Background Information

MFF (mitochondrial fission factor) is a mitochondrial outer membrane protein that is involved in mitochondrial localization of Drp1 and mitochondrial fission. Multiple isoforms of MFF exist due to the alternative splicing. This antibody recognizes the endogenous MFF protein around 26-29 kDa and 35-38 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Katherine Labbé	34586346	J Cell Biol	WB
Q E Xie	34571250	Mitochondrion	WB
Feixiang Bao	30237514	Cell Death Dis	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

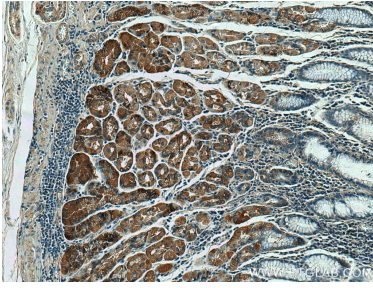
For technical support and original validation data for this product please contact:

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

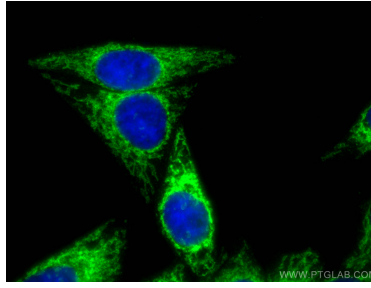
E: proteintech@ptglab.com
W: ptglab.com

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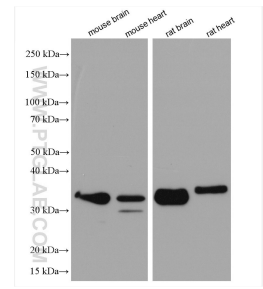
Selected Validation Data



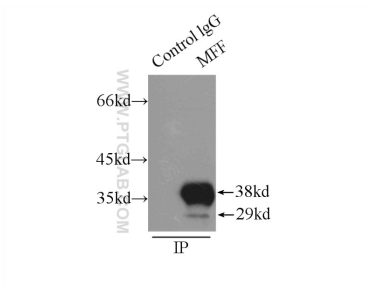
Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 17090-1-AP (MFF antibody) at dilution of 1:1000 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MFF antibody (17090-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 17090-1-AP (MFF antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP Result of anti-MFF (IP:17090-1-AP, 3ug; Detection:17090-1-AP 1:1000) with mouse brain tissue lysate 8000ug.