

**MFF Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58694****Specification****MFF Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">O9GZY8</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MFF
Epitope Specificity	31-130/342
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion outer membrane; Single-pass type IV membrane protein. Belongs to the tango11 family.
SIMILARITY	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Important Note	

**Background Descriptions**

MFF belongs to the tango11 family and plays a role in mitochondrial and peroxisomal fission. It is highly expressed in heart, kidney, liver, brain, muscle and stomach. There are five named isoforms.

**MFF Polyclonal Antibody - Additional Information**

**Gene ID** 56947

**Other Names**

Mitochondrial fission factor, MFF, C2orf33

**Target/Specificity**

Highly expressed in heart, kidney, liver, brain, muscle, and stomach.

**Dilution**

WB~1:1000  
IHC-P~N/A  
IHC-F~N/A  
IF~1:50~200  
E~N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**MFF Polyclonal Antibody - Protein Information**

**Name** MFF

**Synonyms** C2orf33

**Function**

Plays a role in mitochondrial and peroxisomal fission (PubMed:<a href="http://www.uniprot.org/citations/18353969" target="\_blank">18353969</a>, PubMed:<a href="http://www.uniprot.org/citations/23530241" target="\_blank">23530241</a>, PubMed:<a href="http://www.uniprot.org/citations/24196833" target="\_blank">24196833</a>). Promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface (PubMed:<a href="http://www.uniprot.org/citations/23530241" target="\_blank">23530241</a>). May be involved in regulation of synaptic vesicle membrane dynamics by recruitment of DNM1L to clathrin-containing vesicles (By similarity).

**Cellular Location**

Mitochondrion outer membrane; Single-pass type IV membrane protein. Peroxisome. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle {ECO:0000250|UniProtKB:Q4KM98}

**Tissue Location**

Highly expressed in heart, kidney, liver, brain, muscle, and stomach.

**MFF Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MFF Polyclonal Antibody - Images**