

MFF Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19240c**Specification**

MFF Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9GZY8
Other Accession	O4KM98 , O6PCP5 , Q3ZCD8 , NP_064579.3
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38465
Antigen Region	133-162

MFF Antibody (Center) - Additional Information**Gene ID** 56947**Other Names**

Mitochondrial fission factor, MFF, C2orf33

Target/Specificity

This MFF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-162 amino acids from the Central region of human MFF.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MFF Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MFF Antibody (Center) - Protein Information**Name** MFF

Synonyms C2orf33

Function Plays a role in mitochondrial and peroxisomal fission (PubMed:[18353969](#), PubMed:[23530241](#), PubMed:[24196833](#)). Promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface (PubMed:[23530241](#)). 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

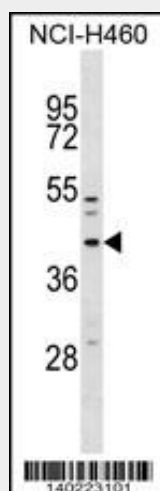
Highly expressed in heart, kidney, liver, brain, muscle, and stomach.

MFF Antibody (Center) - 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 Antibody (Center) - Images



MFF Antibody (Center) (Cat. #AP19240c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the MFF antibody detected the MFF protein (arrow).

MFF Antibody (Center) - Background

MFF plays a role in mitochondrial and peroxisomal fission.

MFF Antibody (Center) - References

Gandre-Babbe, S., et al. Mol. Biol. Cell 19(6):2402-2412(2008)
Olsen, J.V., et al. Cell 127(3):635-648(2006)