

MFF Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58694

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9GZY8
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38465
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MFF
Epitope Specificity	31-130/342
Isotype	IgG
Purity	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.
SIMILARITY	Belongs to the tango11 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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.

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=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.