

Rabbit MFF Polyclonal Antibody | anti-MFF antibody

MFF Antibody

CATALOG # AAA322833	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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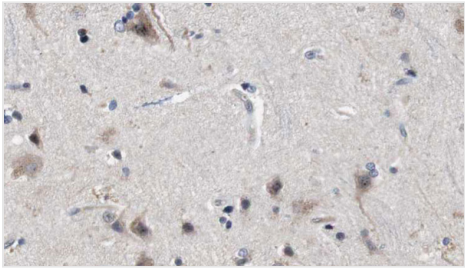
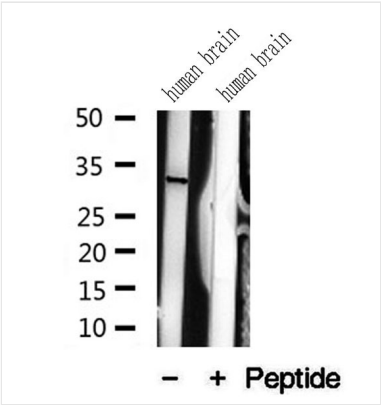
PRODUCT SYNONYMS

MFF; Polyclonal Antibody; MFF Antibody; C2orf33; Chromosome 2 open reading frame 33; DKFZp666J168; GL004; Mff; MFF_HUMAN; MGC110913; Mitochondrial fission factor; OTTHUMP00000164235; anti-MFF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MFF antibody detects endogenous levels of MFF.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	342
Applicable Applications for anti-MFF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MFF.
Subcellular Location	Mitochondrion Outer Membrane
Tissue Specificity	Highly expressed in heart, kidney, liver, brain, muscle, and stomach.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA322833 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of human brain tissue, using MFF antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MFF antibody	Function: Plays a role in mitochondrial and peroxisomal fission. Promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface. May be involved in regulation of synaptic vesicle membrane dynamics by recruitment of DNM1L to clathrin-containing vesicles. Subunit Structure: Homodimer. Interacts with DNM1L (By similarity). Similarity: Belongs to the Tango11 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	457866833
NCBI GeneID	56947
NCBI Accession #	NP_001263990.1
NCBI GenBank Nucleotide #	NM_001277061.1
UniProt Accession #	Q9GZY8; Q567U1; Q658R6; Q9BVZ1; Q9H690; Q9NRG8
Molecular Weight	Observed: 26-29; 35-38 kDa Predicted: 39 kDa
NCBI Official Full Name	mitochondrial fission factor isoform a
NCBI Official Synonym Full Names	mitochondrial fission factor
NCBI Official Symbol	MFF
NCBI Official Synonym Symbols	EMPF2; GL004; C2orf33
NCBI Protein Information	mitochondrial fission factor
UniProt Protein Name	Mitochondrial fission factor
UniProt Gene Name	MFF
UniProt Synonym Gene Names	C2orf33

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.