

Rabbit anti-Human MFF Polyclonal Antibody | anti-MFF antibody

Phospho-MFF (Ser172) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321349	Rabbit	Human	Immunohistochemistry, Western Blot

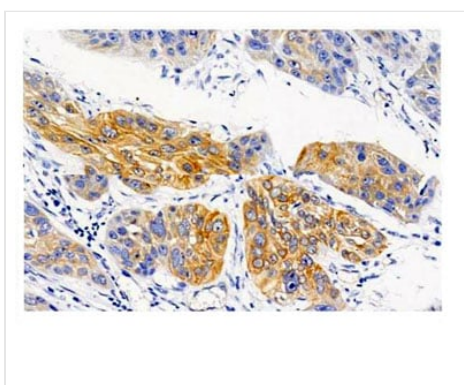
PRODUCT SYNONYMS

MFF; Polyclonal Antibody; Phospho-MFF (Ser172) Antibody; C2orf33; Chromosome 2 open reading frame 33; DKFZp666J168; GL004; Mff; MFF_HUMAN; MGC110913; Mitochondrial fission factor; OTTHUMP00000164235; anti-MFF antibody

PRODUCT SPECIFICATIONS

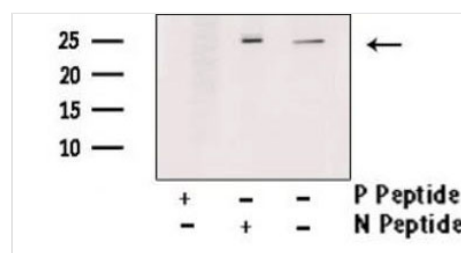
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-MFF (Ser172/Ser146) Ab detects endogenous levels of MFF only when phosphorylated at Ser172/146.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline pH 7.4, 150mM NaCl, 0.02% sodium 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 around the phosphorylation site of Ser172.
Preparation and Storage	Store at -20°C.

IMAGES



IHC (Immunohistochemistry)

AAA321349 at 1/100 staining Human esophageal cancer 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells, using Phospho-MFF (Ser172/146) Antibody. Lane 1 was treated with phospho-blocking peptide, Lane 2 was treated with non-phospho-blocking peptide.

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.
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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	25, 27 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mff-antibody-immunohistochemistry-western-blot-elisa/321349>