

**bs-7628R****[ Primary Antibody ]****MFF Rabbit pAb****BioSS**  
**ANTIBODIES**

www.bioss.com.cn

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400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 56947	<b>SWISS:</b> Q9GZY8	<b>IHC-F</b> (1:100-500)
<b>Target:</b> MFF		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human MFF: 31-130/342.		<b>ELISA</b> (1:5000-10000)
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Chicken, Horse)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 38 kDa
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Background:</b> 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.		

**— SELECTED CITATIONS —**

- **[IF=5.652]** Ying Su. et al. Metformin induces mitochondrial fission and reduces energy metabolism by targeting respiratory chain complex I in hepatic stellate cells to reverse liver fibrosis. INT J BIOCHEM CELL B. 2023 Jan;;106375 WB ;Human. 36716817
- **[IF=4.099]** Lu Yiming. et al. Cadmium induces apoptosis of pig lymph nodes by regulating the PI3K/AKT/HIF-1 $\alpha$  pathway. Toxicology. 2021 Mar;451:152694 WB ;Pig. 33493553
- **[IF=4.4]** Jia-Ming Bai. et al. The active metabolite of Epimedii Folium promotes hippocampal neurogenesis in APP/PS1 mice by alleviating mitochondrial dysfunction. FRONT PHARMACOL. 2025 Apr;16: WB ;Mouse. 40351431
- **[IF=2.752]** Yuliang Wen. et al. Changes in the Mitochondrial Dynamics and Functions Together with the mRNA/miRNA Network in the Heart Tissue Contribute to Hypoxia Adaptation in Tibetan Sheep. Animals-Basel. 2022 Jan;12(5):583 IHC ;Sheep. 35268153