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## MFF Rabbit pAb

Catalog Number: bs-7628R

Target Protein: MFF

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Chicken, Horse)

Predicted MW: 38 kDa

Entrez Gene: 56947

Swiss Prot: Q9GZY8

Source: KLH conjugated synthetic peptide derived from human MFF: 31-130/342.

Purification: affinity purified by Protein A

Storage: 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.

Background: 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.

### PRODUCT SPECIFIC PUBLICATIONS

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[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=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