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Mitofusin 1 (YD18603) Rabbit mAb

货号: AYD11711

产品信息

反应	Human, Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	84kDa/84kDa/84kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Mitochondrion outer membrane, Cytoplasm
纯化	亲和纯化

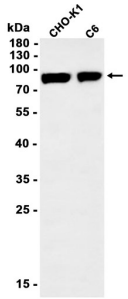
抗原信息

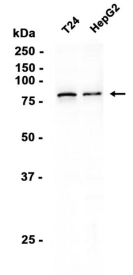
抗原信息	

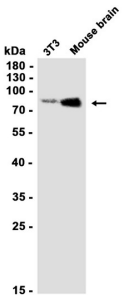
靶点信息

研究背景	Mitochondrial outer membrane GTPase that mediates mitochondrial clustering and fusion (PubMed:12475957, PubMed:12759376, PubMed:27920125, PubMed:28114303). Membrane clustering requires GTPase activity (PubMed:27920125). It may involve a major rearrangement of the coiled coil domains (PubMed:27920125, PubMed:28114303). Mitochondria are highly dynamic organelles, and their morphology is determined by the equilibrium between mitochondrial fusion and fission events (PubMed:12475957, PubMed:12759376). Overexpression induces the formation of mitochondrial networks (in vitro) (PubMed:12759376). Has low GTPase activity (PubMed:27920125, PubMed:28114303) Mitochondrial outer membrane GTPase that mediates mitochondrial clustering and fusion (PubMed:12527753, PubMed:15297672, PubMed:23921378, PubMed:24513856). Membrane clustering requires GTPase activity (By similarity). It may involve a major rearrangement of the coiled coil domains (PubMed:15297672). Mitochondria are highly dynamic organelles, and their morphology is determined by the equilibrium between mitochondrial fusion and fission events (PubMed:12527753). Overexpression induces the formation of mitochondrial networks (in vitro). Has low GTPase activity (By similarity) Mitochondrial outer membrane GTPase that mediates mitochondrial clustering and fusion (PubMed:12589796, PubMed:14561718). Membrane clustering requires GTPase activity. It may involve a major rearrangement of the coiled coil domains (By similarity). Mitochondria are highly dynamic organelles, and their morphology is determined by the equilibrium between mitochondrial fusion and fission events (PubMed:14561718). Overexpression induces the formation of mitochondrial networks (in vitro) (PubMed:14561718). Has low GTPase activity (By similarity)
基因ID	55669
基因名	MFN1, Mfn1
Swiss	Q8IWA4 (https://www.uniprot.org/uniprotkb/Q8IWA4/entry), Q811U4 (https://www.uniprot.org/uniprotkb/Q811U4/entry), Q8R4Z9 (https://www.uniprot.org/uniprotkb/Q8R4Z9/entry)
别名	Mitofusin 1 (YD18603),Mitofusin 1 (YD18603) Rabbit mAb,MFN1,Fzo homolog,Transmembrane GTPase MFN1,Mitochondrial transmembrane GTPase FZO1B,Fzo1b

产品验证







实验步骤

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