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AIFM1 Rabbit mAb

货号: AAY1177

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:200-1:800 **WB:** 1:1000-1:3000 **IF:** 1:200-1:800 **ELISA:** 1:5000-1:20000 **IP:** 1:50-1:200
理论分子量	67kD
实测分子量	67kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.179.
偶联物	Unconjugated
阳性对照	293T,SW620,22Rv1,H460,PC-3,U-937,Mouse liver,Mouse kidney,Mouse heart
细胞定位	Mitochondrion intermembrane space, Mitochondrion inner membrane, Cytoplasm, Nucleus, perinuclear region, Mitochondrion, cytosol
纯化	亲和纯化

抗原信息

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靶点信息

研究背景	This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells, and it is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it affects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Mutations in this gene cause combined oxidative phosphorylation deficiency 6 (COXPD6), a severe mitochondrial encephalomyopathy, as well as Cowchock syndrome, also known as X-linked recessive Charcot-Marie-Tooth disease-4 (CMTX-4), a disorder resulting in neuropathy, and axonal and motor-sensory defects with deafness and mental retardation. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 10.
基因ID	9131
基因名	AIFM1 ALF PDCD8
Swiss	O95831 (https://www.uniprot.org/uniprotkb/O95831/entry)
别名	AIFM1 ALF PDCD8;Apoptosis-inducing factor 1 mitochondrial;AIFM1;AIF;PDCD8;Apoptosis-inducing factor 1;mitochondrial;Programmed cell death protein 8

产品验证

实验步骤

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