

AIF Rabbit mAb

货号: **AYM28464**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC ICC IP FC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 ICC: 1:50 - 1:200 IP: 1:20 - 1:50 FC: 1:20 - 1:50 |
| 理论分子量 | 26kDa/28kDa/35kDa/66kDa |
| 实测分子量 | 67kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 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 | Cytoplasm,Mitochondrion inner membrane,Mitochondrion intermembrane space,Nucleus,perinuclear region |
| 纯化 | Affinity purification |

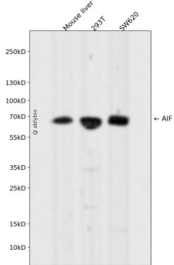
抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human AIF. |
| 序列 | FPEKGNMGKILPEYLSNWTMEKVRREGVKVMPNVAIVQSVGVSSGKLLIKLDGRKVETDHIVAAVGLEPNVELAKTGGLEI DSDFGGFRVNAELQARSNIWVAGDAACFYDIKLRRRVEHHDHAVVSGRLAGENMTGAAKPYWHQSMFWSDLGPDV GYEAIGLVDSSLPTVGVFAKATAQDNPKSATEQSGTGIRSESETESEASEITIPPSTPAVPQAPVQGEDYGKGVIFYLRDKV VVGIVLWNIFNRMPIARKIIKDGEQHEDLNEVAKLFNIHED |

靶点信息

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| 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 |
| Swiss | O95831 |
| 别名 | AIF;CMT2D;CMTX4;COWCK;COXPD6;DFNX5;NADMR;NAMSD;PDCD8;AIFM1 |

产品验证



Western blot analysis of AIF expressed in Mouse liver, 293T, SW620 using AIF Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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