

DAP3 Rabbit pAb

货号: **AYP16518**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | WB: 1:500 - 1:2000 |
| 理论分子量 | 41kDa/45kDa |
| 实测分子量 | 46kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | MCF7,Jurkat,Mouse kidney,Mouse liver |
| 细胞定位 | Mitochondrion |
| 纯化 | Affinity purification |

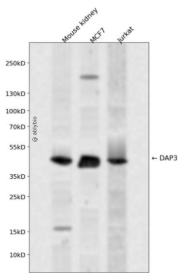
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 159-398 of human DAP3 (NP_387506.1). |
| 序列 | HLWVKNCRDLLQSSYNKQRFDQPLEASTWLKNFKTTNERFLNQIKVQEKYVWNKRESTEKGSPGVEVEQGITRVRNAT DAVGIVLKEKLRQSSLGFMHLLVAVDGINALWGRITLTKREDKSPIAPEELALVHNLKMMKNDWHGGAIVSALSQTGSLF KPRKAYLPQELLGKEGFDALDPFIPILVSNYNPKFEFESCIQYYLENNWLQHEKAPTEEGKELLFLSNANPSLLERHCAYL |

靶点信息

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| 研究背景 | Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that also participates in apoptotic pathways which are initiated by tumor necrosis factor-alpha, Fas ligand, and gamma interferon. This protein potentially binds ATP/GTP and might be a functional partner of the mitoribosomal protein S27. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. Pseudogenes corresponding to this gene are found on chromosomes 1q and 2q. |
| 基因ID | 7818 |
| 基因名 | DAP3 |
| Swiss | P51398 |
| 别名 | DAP3;DAP-3;MRP-S29;MRPS29;bMRP-10;S29mt |

产品验证



Western blot analysis of DAP3 expressed in Mouse kidney, MCF7, Jurkat using DAP3 Rabbit pAb 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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