

DAP3 Rabbit pAb

货号: B16518

产品信息

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

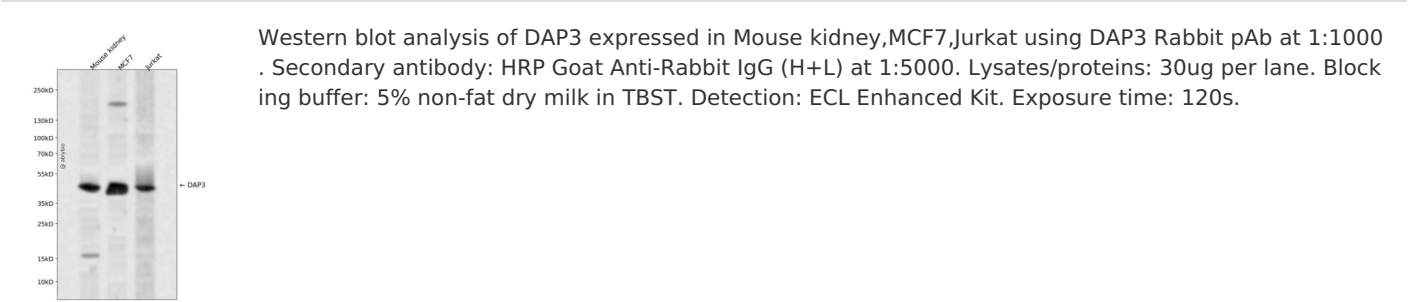
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 159-398 of human DAP3 (NP_387506.1).
序列	HLWVKNCRDLLQSSYNQRFDQPLEASTWLKNFKTTNERFLNQIKVQEKYVWNKRESTEKGSPGGEVVEQGITVRNAT DAVGIVLKELKRQSSLGMFHLVAVDGINALWGRITTLKREDKSPIAPEELALVHNLRKMMKNDWHGGAIVSALSQTGSLF KPRKAYLPQELLGKEGFDALDPFIPILVSNYNPKEFESCIIQYYLENNWLQHEKAPTEEGKKELLFLSNANPSLLERHCAYL

靶点信息

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



实验步骤

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