DNA Polymerase gamma Rabbit mAb

货号: B29922

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	139kDa
实测分子量	140kDa
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	293F,Jurkat,Mouse placenta,Rat testis
细胞定位	Mitochondrion,Mitochondrion matrix,mitochondrion nucleoid
纯化	Affinity purification

抗原信息

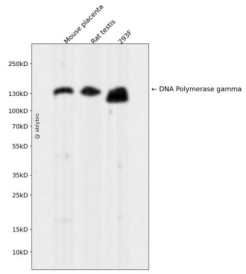
抗原信息	Recombinant fusion protein corresponding to Human DNA Polymerase gamma.
序列	QQDVMARACLQKLKGTTELLPKRPQHLPGHPGWYRKLCPRLDDPAWTPGPSLLSLQMRVTPKLMALTWDGFPLHYSER HGWGYLVPGRRDNLAKLPTGTTLESAGVVCPYRAIESLYRKHCLEQGKQQLMPQEAGLAEEFLLTDNSAIWQTVEELDYLE VEAEAKMENLRAAVPGQPLALT

靶点信息

研究背景	Mitochondrial DNA polymerase is heterotrimeric, consisting of a homodimer of accessory subunits plus a catalytic subunit. The protein encoded by this gene is the catalytic subunit of mitochondrial DNA polymer ase. The encoded protein contains a polyglutamine tract near its N-terminus that may be polymorphic. D efects in this gene are a cause of progressive external ophthalmoplegia with mitochondrial DNA deletions 1 (PEOA1), sensory ataxic neuropathy dysarthria and ophthalmoparesis (SANDO), Alpers-Huttenlocher sy ndrome (AHS), and mitochondrial neurogastrointestinal encephalopathy syndrome (MNGIE). Two transcrip t variants encoding the same protein have been found for this gene.

基因**ID**	5428
基因名	POLG
Swiss	P54098
别名	POLG;MDP1;MIRAS;MTDPS4A;MTDPS4B;PEO;POLG1;POLGA;SANDO;SCAE

产品验证



Western blot analysis of DNA Polymerase gamma expressed in Mouse placenta,Rat testis,293F using DNA Polymerase gamma 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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