

# POLG2 Rabbit pAb

货号: **AYP16629**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	<a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:10 - 1:100
理论分子量	54kDa
实测分子量	55kDa
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	293T,MCF7
细胞定位	Mitochondrion
纯化	Affinity purification

## 抗原信息

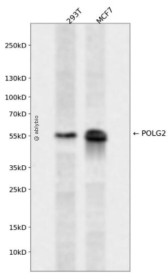
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 216-485 of human POLG2 (NP_009146.2).
序列	HPVFDTKQIRNGVKSIGEKTEASLVWFTPPRTSNQWLDLDFWLRHRLQWWRKFAMSPSNFSSSDCQDEEGRKGNKLYYNF PWGKELIETLWNLGDHELLHMYPGNVSKLHGRDGRKNVPCVLSVNGDLDRGMLAYLYDSFQLTENSFTRKKNLHRKVL KLHPCLAPIKVALDVGRGPTLELRQVCQGLFNELLENGISVWPGYLETMQSSLEQLYSKYDEMILFTVLVTETTLENGLIHL RSRDTTMKEMMHISKLKDFLIKYISSAKNV

## 靶点信息

研究背景	This gene encodes the processivity subunit of the mitochondrial DNA polymerase gamma. The encoded p protein forms a heterotrimer containing one catalytic subunit and two processivity subunits. This protein enhances DNA binding and promotes processive DNA synthesis. Mutations in this gene result in autosomal dominant progressive external ophthalmoplegia with mitochondrial DNA deletions.
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基因ID	11232
基因名	POLG2
Swiss	Q9UHN1
别名	POLG2;HP55;MTPOLB;PEOA4;POLB;POLG-BETA;POLGB

## 产品验证



Western blot analysis of POLG2 expressed in 293T, MCF7 using POLG2 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

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn)