

— ABLYBIO, Help Your Research



# BPGM Rabbit pAb

货号: **AYP16177**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	30kDa
实测分子量	30kDa
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,Jurkat,HeLa,Mouse liver,Mouse spleen,Mouse testis,Mouse skeletal muscle,Rat brain
细胞定位	cytosol,extracellular exosome
纯化	Affinity purification

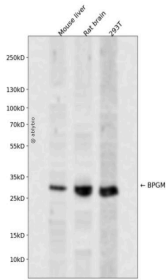
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-259 of human BPGM (NP_001715.1).
------	--

## 靶点信息

研究背景	2,3-diphosphoglycerate (2,3-DPG) is a small molecule found at high concentrations in red blood cells where it binds to and decreases the oxygen affinity of hemoglobin. This gene encodes a multifunctional enzyme that catalyzes 2,3-DPG synthesis via its synthetase activity, and 2,3-DPG degradation via its phosphatase activity. The enzyme also has phosphoglycerate phosphomutase activity. Deficiency of this enzyme increases the affinity of cells for oxygen. Mutations in this gene result in hemolytic anemia. Multiple alternatively spliced variants, encoding the same protein, have been identified.
基因ID	669
基因名	BPGM
Swiss	P07738 ( <a href="https://www.uniprot.org/uniprotkb/P07738/entry">https://www.uniprot.org/uniprotkb/P07738/entry</a> )
别名	BPGM,DPGM,BPGM Rabbit pAb,2,3-bisphosphoglycerate mutase,erythrocyte,3-bisphosphoglycerate synthase,3-diphosphoglycerate mutase,BPG-dependent PGAM

## 产品验证



Western blot analysis of BPGM expressed in Mouse liver,Rat brain,293T using BPGM 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) (<https://www.ablybio.cn/www.ablybio.cn>)