

Anti-BPGM antibody ab97497

[2 References](#) [2 图像](#)

概述

产品名称	Anti-BPGM抗体
描述	兔多克隆抗体to BPGM
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Cow 
免疫原	Recombinant fragment containing a sequence corresponding to a region within amino acids 1-216 of Human BPGM (NP_001715).
阳性对照	293T, A431 and H1299 whole cell lysates; HeLa cells; HeLaS3, Molt-4 and Raji cell lines
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab97497 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 30 kDa.
ICC/IF		1/100 - 1/200.

靶标

功能

Plays a major role in regulating hemoglobin oxygen affinity by controlling the levels of 2,3-bisphosphoglycerate (2,3-BPG). Also exhibits mutase (EC 5.4.2.1) and phosphatase (EC 3.1.3.13) activities.

疾病相关

Defects in BPGM are the cause of bisphosphoglycerate mutase deficiency (BPGMD) [MIM:222800]. A disease characterized by hemolytic anemia, splenomegaly, cholelithiasis and cholecystitis.

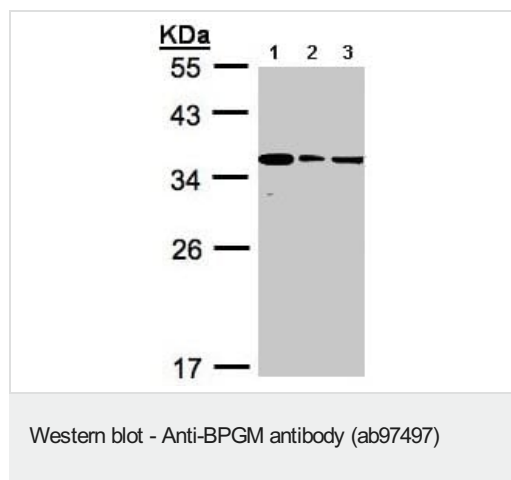
序列相似性

Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.

翻译后修饰

Glycation of Lys-159 in diabetic patients inactivates the enzyme.

图片



All lanes : Anti-BPGM antibody (ab97497) at 1/1000 dilution

Lane 1 : 293T whole cell lysate

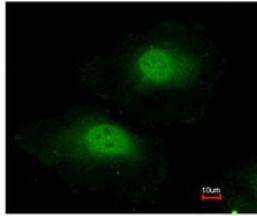
Lane 2 : A431 whole cell lysate

Lane 3 : H1299 whole cell lysate

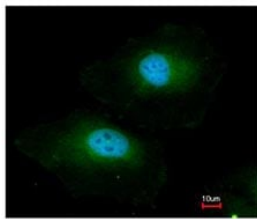
Lysates/proteins at 30 µg per lane.

Predicted band size: 30 kDa

12% SDS-PAGE



ab97497, at 1/100 dilution, staining BPGM in paraformaldehyde-fixed HeLa cells by Immunofluorescence. Lower image is merged with DNA probe.



Immunocytochemistry/ Immunofluorescence - Anti-BPGM antibody (ab97497)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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