

Anti-BPGM antibody ab97497

2 References [画像数 2](#)

医薬用外劇物

製品の概要

製品名	Anti-BPGM antibody
製品の詳細	Rabbit polyclonal to BPGM
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human 交差が予測される動物種: 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).
ポジティブ・コントロール	293T, A431 and H1299 whole cell lysates; HeLa cells; HeLaS3, Molt-4 and Raji cell lines
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

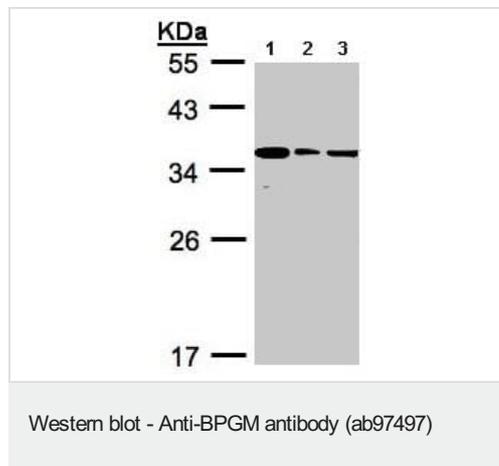
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab97497の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 30 kDa.
ICC/IF		1/100 - 1/200.

ターゲット情報

機能	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.
関連疾患	Defects in BPGM are the cause of bisphosphoglycerate mutase deficiency (BPGMD) [MIM:222800]. A disease characterized by hemolytic anemia, splenomegaly, cholelithiasis and cholecystitis.
配列類似性	Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.
翻訳後修飾	Glycation of Lys-159 in diabetic patients inactivates the enzyme.

画像



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

Lane 1 : 293T whole cell lysate

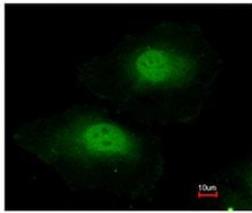
Lane 2 : A431 whole cell lysate

Lane 3 : H1299 whole cell lysate

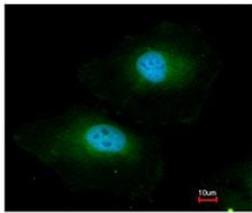
Lysates/proteins at 30 µg per lane.

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)

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