


Anti-PGAM2 antibody ab97800

3 References [画像検索](#)

医薬用外劇物

製品の概要

製品名	Anti-PGAM2 antibody
製品の詳細	Rabbit polyclonal to PGAM2
由来種	Rabbit
特異性	The immunogen sequence shows 81% homology with PGAM1, so cross-reactivity with PGAM1 cannot be excluded. However, cross-reactivity has not been tested.
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, Cow, Pig 
免疫原	Recombinant fragment, corresponding to a region within amino acids 1-203 of Human PGAM2 (NP_000281)
ポジティブ・コントロール	H1299 or HeLa lysates A549 cells (IF)
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

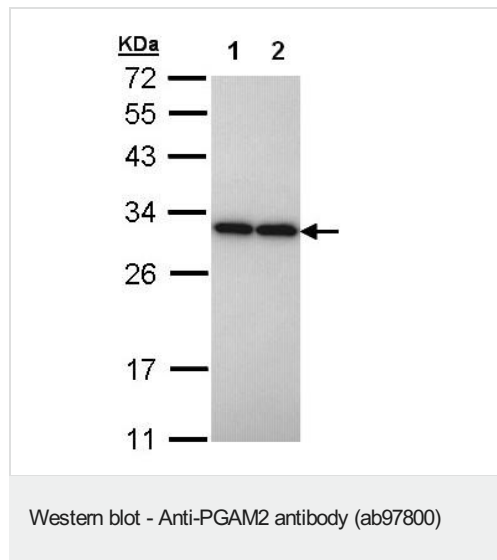
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab97800の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 29 kDa.
ICC/IF		1/100 - 1/200.

ターゲット情報

機能	Interconversion of 3- and 2-phosphoglycerate with 2,3-bisphosphoglycerate as the primer of the reaction. Can also catalyze the reaction of EC 5.4.2.4 (synthase) and EC 3.1.3.13 (phosphatase), but with a reduced activity.
組織特異性	In mammalian tissues there are two types of phosphoglycerate mutase isozymes: type-M in muscles and type-B in other tissues.
関連疾患	Defects in PGAM2 are the cause of glycogen storage disease type 10 (GSD10) [MIM:261670]. A metabolic disorder characterized by myoglobinuria, increased serum creatine kinase levels, decreased phosphoglycerate mutase activity, myalgia, muscle pain, muscle cramps and exercise intolerance.
配列類似性	Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.

画像



All lanes : Anti-PGAM2 antibody (ab97800) at 1/10000 dilution

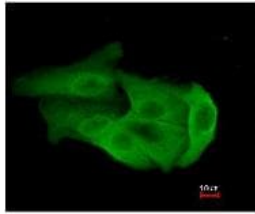
Lane 1 : H1299 whole cell lysate

Lane 2 : HeLa whole cell lysate

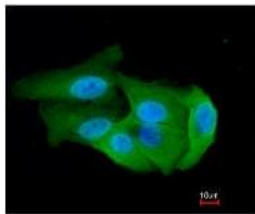
Lysates/proteins at 30 µg per lane.

Predicted band size: 29 kDa

12% SDS PAGE



Immunofluorescence analysis of paraformaldehyde-fixed A549, using ab97800 at 1/200 dilution. Lower image was also merged with DNA probe.



Immunocytochemistry/ Immunofluorescence - Anti-PGAM2 antibody (ab97800)

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