abcam

Product datasheet

Anti-PKLR antibody ab96604

画像数 2

医薬用外劇物

製品の概要

製品名	Anti-PKLR antibody
製品の詳細	Rabbit polyclonal to PKLR
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, Cow
免疫原	Recombinant fragment, corresponding to a region within the N terminal amino acids 1-230 of Human PKLR.
ポジティブ・コントロール	293T, A431, H1299, HeLa, HepG2, Raji cell lysates
特記事項	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. 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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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ab96604の使用に適用されます

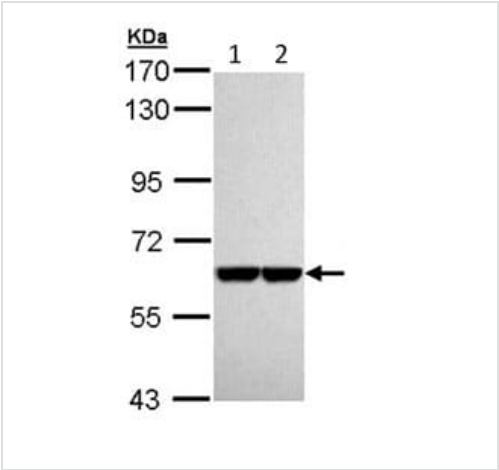
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 62 kDa.
ICC/IF		1/100 - 1/200.

ターゲット情報

機能	Plays a key role in glycolysis.
パスウェイ	Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 5/5.
関連疾患	Defects in PKLR are the cause of pyruvate kinase hyperactivity (PKHYP) [MIM:102900]; also known as high red cell ATP syndrome. This autosomal dominant phenotype is characterized by increase of red blood cell ATP. Defects in PKLR are the cause of pyruvate kinase deficiency of red cells (PKRD) [MIM:266200]. A frequent cause of hereditary non-spherocytic hemolytic anemia. Clinically, pyruvate kinase-deficient patients suffer from a highly variable degree of chronic hemolysis, ranging from severe neonatal jaundice and fatal anemia at birth, severe transfusion-dependent chronic hemolysis, moderate hemolysis with exacerbation during infection, to a fully compensated hemolysis without apparent anemia.
配列類似性	Belongs to the pyruvate kinase family.

画像



Western blot - Anti-PKLR antibody (ab96604)

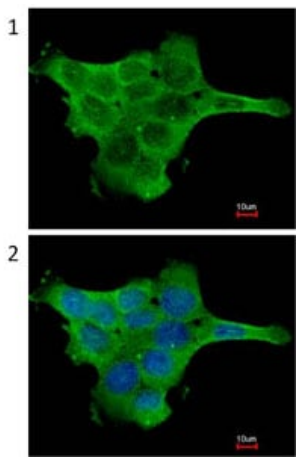
All lanes : Anti-PKLR antibody (ab96604) at 1/5000 dilution

Lane 1 : H1299 whole cell lysate
Lane 2 : HeLa whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 62 kDa

7.5% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-PKLR antibody (ab96604)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using ab96604 at 1:200 dilution. Image 2: Merged with DNA probe.

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

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