abcam

Product datasheet

Anti-Glucose 6 Phosphate Dehydrogenase antibody ab80362

画像数 1

製品の概要

製品名	Anti-Glucose 6 Phosphate Dehydrogenase antibody
製品の詳細	Rabbit polyclonal to Glucose 6 Phosphate Dehydrogenase
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human
免疫原	Recombinant human Glucose 6 Phosphate Dehydrogenase protein.
ポジティブ・コントロール	Induced Glucose 6 Phosphate Dehydrogenase E.Coli total lysate.

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	Constituent: Whole serum
精製度	Whole antiserum
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ab80362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		

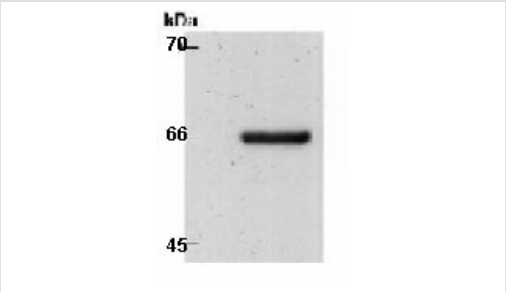
追加情報 WB: 1/400 - 1/3000 (dependent on cell lysate or recombinant protein). Detects a band of approximately 59 kDa (predicted molecular weight: 59 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能	Catalyzes the rate-limiting step of the oxidative pentose-phosphate pathway, which represents a route for the dissimilation of carbohydrates besides glycolysis. The main function of this enzyme is to provide reducing power (NADPH) and pentose phosphates for fatty acid and nucleic acid synthesis.
組織特異性	Isoform Long is found in lymphoblasts, granulocytes and sperm.
パスウェイ	Carbohydrate degradation; pentose phosphate pathway; D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative stage): step 1/3.
関連疾患	Anemia, non-spherocytic hemolytic, due to G6PD deficiency
配列類似性	Belongs to the glucose-6-phosphate dehydrogenase family.
翻訳後修飾	Acetylated by ELP3 at Lys-403; acetylation inhibits its homodimerization and enzyme activity. Deacetylated by SIRT2 at Lys-403; deacetylation stimulates its enzyme activity.

画像



Western blot - Anti-Glucose 6 Phosphate Dehydrogenase antibody (ab80362)

Anti-Glucose 6 Phosphate Dehydrogenase antibody (ab80362) at 1/3000 dilution + Induced Glucose 6 Phosphate Dehydrogenase E.Coli total lysate

Secondary
goat anti-rabbit HRP

Developed using the ECL technique.

Predicted band size: 59 kDa
Observed band size: 59 kDa

Exposure time: 1 minute

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