abcam

Product datasheet

Anti-GFI1 antibody ab21061

★★★★★ 3 Abreviews 14 References 画像数 1

製品の概要

製品名	Anti-GFI1 antibody
製品の詳細	Rabbit polyclonal to GFI1
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 **交差が予測される動物種:** Mouse, Rat, Chicken, Dog, Xenopus laevis
免疫原	Synthetic peptide corresponding to Human GFI1 (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as **ab222418**, **ab22461**)
ポジティブ・コントロール	THP1 (Human acute monocytic leukemia cell line) Whole Cell Lysate (**ab7913**)
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
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ab21061の使用に適用されます

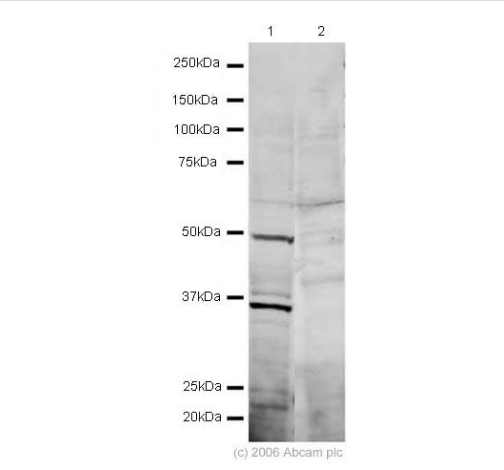
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 49 kDa (predicted molecular weight: 45 kDa).

ターゲット情報

機能	Transcription factor regulating the expression of genes active during S-phase of the cell cycle in hematopoietic cells. Represses ELA2 transcription.
関連疾患	Defects in GFI1 are a cause of neutropenia severe congenital autosomal dominant type 2 (SCN2) [MIM:613107]. SCN2 is a disorder of hematopoiesis characterized by a maturation arrest of granulopoiesis at the level of promyelocytes with peripheral blood absolute neutrophil counts below 0.5 x 10(9)/l and early onset of severe bacterial infections. Defects in GFI1 are a cause of dominant nonimmune chronic idiopathic neutropenia of adults (NI-CINA) [MIM:607847]. NI-CINA is a relatively mild form of neutropenia diagnosed in adults, but predisposing to leukemia in a subset of patients.
配列類似性	Contains 6 C2H2-type zinc fingers.
ドメイン	The Gly/Ala-rich region may indicate that Gfi-1 is a repressor of its target genes.
翻訳後修飾	Ubiquitinated.
細胞内局在	Nucleus.

画像



Western blot - Anti-GFI1 antibody (ab21061)

All lanes : Anti-GFI1 antibody (ab21061) at 1 µg/ml

Lane 1 : THP-1 whole cell lysate (**ab7913**)
Lane 2 : THP-1 whole cell lysate (**ab7913**) with GFI1 peptide (**ab22461**) at 1 µg/ml

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat polyclonal to Rabbit IgG (Alexa Fluor® 680)

Performed under reducing conditions.

Predicted band size: 45 kDa
Observed band size: 49 kDa
Additional bands at: 36 kDa (possible cleavage fragment), 36 kDa (possible cross reactivity)

ab21061 detects a band of ~49kDa which is similar to the expected size of GFI1 (45kDa). This band is competed away by incubation with the immunizing peptide. A smaller band (~36kDa) is seen that may correspond to a crossreacting peptide or to a degradation product, as it is also competed away by addition of the immunizing peptide.

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