abcam

Product datasheet

Anti-GRC5 / PHF2 antibody ab65771

画像数 1

製品の概要

製品名	Anti-GRC5 / PHF2 antibody
製品の詳細	Rabbit polyclonal to GRC5 / PHF2
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	Synthetic peptide, corresponding to C terminal amino acids 830-1096 of Human GRC5/ PHF2
ポジティブ・コントロール	Nuclear extracts of HeLa cells.
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	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ab65771の使用に適用されます

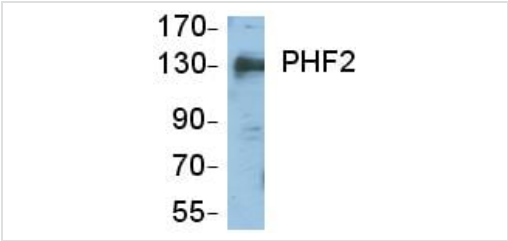
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 130 kDa (predicted molecular weight: 121 kDa).

ターゲット情報

機能	Lysine demethylase that demethylates both histones and non-histone proteins. Enzymatically inactive by itself, and becomes active following phosphorylation by PKA: forms a complex with ARID5B and mediates demethylation of methylated ARID5B. Demethylation of ARID5B leads to target the PHF2-ARID5B complex to target promoters, where PHF2 mediates demethylation of dimethylated 'Lys-9' of histone H3 (H3K9me2), followed by transcription activation of target genes. The PHF2-ARID5B complex acts as a coactivator of HNF4A in liver. PHF2 is recruited to trimethylated 'Lys-4' of histone H3 (H3K4me3) at rDNA promoters and promotes expression of rDNA.
組織特異性	Widely expressed, including in liver (at protein level).
配列類似性	Belongs to the JHDM1 histone demethylase family. JHDM1D subfamily. Contains 1 JmjC domain. Contains 1 PHD-type zinc finger.
ドメイン	The PHD-type zinc finger mediates the binding to H3K4me2 and H3K4me3.
翻訳後修飾	Phosphorylated by PKA on specific serine residues, leading to the formation of an active lysine demethylase complex.
細胞内局在	Nucleus > nucleolus.

画像



Western blot - Anti-GRC5 / PHF2 antibody - Carboxyterminal end (ab65771)

Anti-GRC5 / PHF2 antibody (ab65771) at 1/1000 dilution + Nuclear extracts of HeLa cells.

Predicted band size: 121 kDa
Observed band size: 130 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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