abcam

Product datasheet

Anti-p130 (phospho S672) antibody [EP2126Y] ab76255

RabMAb

9 References 画像数 2

製品の概要

製品名 Anti-p130 (phospho S672) antibody [EP2126Y]

製品の詳細 Rabbit monoclonal [EP2126Y] to p130 (phospho S672)

由来種 Rabbit

アプリケーション **適用あり:** WB, IP

適用なし: Flow Cyt,ICC/IF or IHC-P

種交差性 交差種: Human

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

ポジティブ・コントロール WB: Jurkat whole cell lysate, treated or untreated with AP. IP: Jurkat was serum starved for 24h,

then treated with 10% FBS for 20h whole cell lysate.

特記事項 Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit

monoclonal antibodies. For details on our patents, please refer to **RabMAb**® patents.

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

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with

these species. Please contact us for more information.

製品の特性

製品の状態 Liqui

保存方法 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

バッファー pH: 7.20

Preservative: 0.05% Sodium azide

Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue

culture supernatant

精製度 Protein A purified

ポリ/モノ モノクローナル

クローン名 EP2126Y

アイソタイプ IgG

アプリケーション

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab76255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		1/5000 - 1/10000. Detects a band of approximately 128 kDa (predicted molecular weight: 128 kDa).
IP		1/20.

追加情報 Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

ターゲット情報

機能 Key regulator of entry into cell division. Directly involved in heterochromatin formation by

maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases SUV420H1 and SUV420H2, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. May act as a tumor suppressor.

配列類似性 Belongs to the retinoblastoma protein (RB) family.

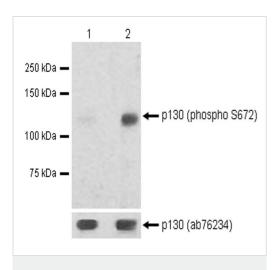
発生段階 G0-restricted expression.

翻訳後修飾 During G0 and early G1 phase of the cell cycle, phosphorylated on Ser-639 and on 5 sites within

the domain B. Phosphorylation on Ser-672 in G1 leads to its ubiquitin-dependent proteolysis.

細胞内局在 Nucleus.

画像



Western blot - Anti-p130 (phospho S672) antibody [EP2126Y] (ab76255)



Lane 1: Jurkat cell lysate, treated with AP

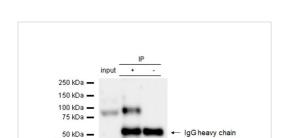
Lane 2: Jurkat cell lysate, untreated

Lysates/proteins at 10 µg per lane.

Secondary

All lanes: Goat Anti-rabbit (HRP) at 1/2000 dilution

Predicted band size: 128 kDa **Observed band size:** 128 kDa



IaG light chain

37 kDa -

25 kDa -

20 kDa -

10 kDa —

1 2 3

Immunoprecipitation - Anti-p130 (phospho S672) antibody [EP2126Y] (ab76255)

Control: Rabbit monoclonal [EP2141Y] to p130 (ab76234)

Purified ab76255 at 1/20 dilution (1 μ g) immunoprecipitating p130 in Jurkat was serum starved for 24h, then treated with 10% FBS for 20h whole cell lysate.

Lane 1 (input): Jurkat (Human T cell leukemia T lymphocyte) was serum starved for 24h, then treated with 10% FBS for 20h whole cell lysate $10\mu g$

Lane 2 (+): ab76255 + Jurkat was serum starved for 24h, then treated with 10% FBS for 20h whole cell lysate.

Lane 3 (-): Rabbit monoclonal IgG (<u>ab172730</u>) instead of ab76255 in Jurkat was serum starved for 24h, then treated with 10% FBS for 20h whole cell lysate.

VeriBlot for IP Detection Reagent (HRP) (<u>ab131366</u>) (1/1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.

Observed band size: 90-130 kDa

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