

Anti-Peregrin/BRPF1 antibody [EPR24069-57] ab259840

KO 評価済 リコンビナント RabMAb

1 References 画像数 8

製品の概要

製品名	Anti-Peregrin/BRPF1 antibody [EPR24069-57]
製品の詳細	Rabbit monoclonal [EPR24069-57] to Peregrin/BRPF1
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), ICC/IF, WB 適用なし: IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HEK-293T, HeLa, 293T, NIH/3T3, PC-12 and His-tagged human BRPF1 recombinant protein lysates. ICC/IF: HeLa, NIH/3T3 cells. Flow Cyt: HeLa, 4T1 cells.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR24069-57

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ab259840の使用に適用されず**
 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
Flow Cyt (Intra)		1/50.
ICC/IF		1/50.
WB		1/1000. Predicted molecular weight: 137 kDa.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

機能 Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. Positively regulates the transcription of RUNX1 and RUNX2.

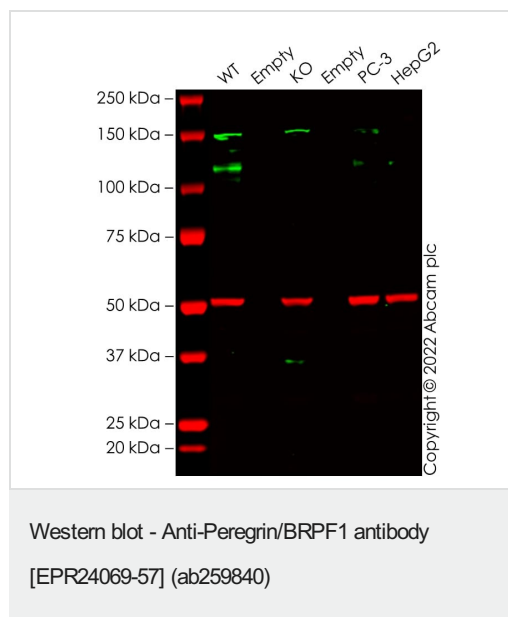
組織特異性 High levels in testis.

配列類似性 Contains 1 bromo domain.
 Contains 1 C2H2-type zinc finger.
 Contains 1 PHD-type zinc finger.
 Contains 1 PWWP domain.

翻訳後修飾 Acetylated by KAT6A.

細胞内局在 Nucleus. Cytoplasm. Localization to the nucleus depends on KAT6A, ING5 and MEAF6.

画像



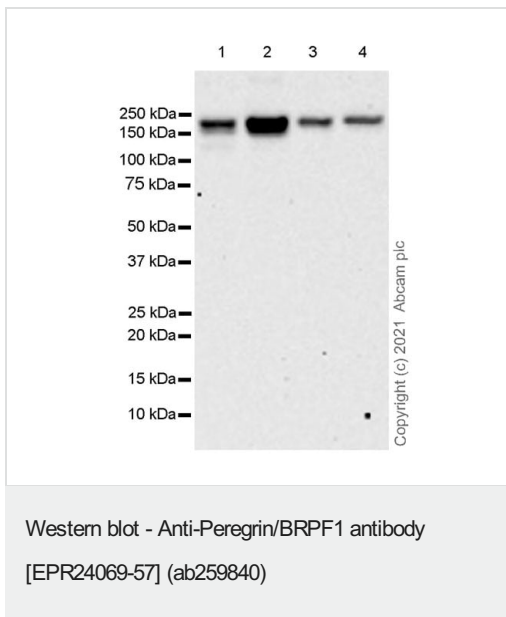
Lanes 1-3 & 5-6 : Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840) at 1/500 dilution

- Lane 1 :** Wild-type HEK-293T cell lysate at 20 µg
- Lanes 2-3 :** BRPF1 knockout HEK-293T cell lysate at 20 µg
- Lane 4 :** Empty
- Lane 5 :** PC-3 cell lysate at 20 µg
- Lane 6 :** HepG2 cell lysate at 20 µg

Performed under reducing conditions.

Predicted band size: 137 kDa
Observed band size: 120 kDa

False colour image of Western blot: Anti-Peregrin/BRPF1 antibody [EPR24069-57] staining at 1/500 dilution, shown in green; Mouse anti-Alpha Tubulin [DM1A] ([ab7291](#)) loading control staining at 1/20000 dilution, shown in red. In Western blot, ab259840 was shown to bind specifically to Peregrin/BRPF1. A band was observed at 120 kDa in wild-type HEK-293T cell lysates with no signal observed at this size in BRPF1 knockout cell line [ab266549](#) (knockout cell lysate [ab258795](#)). To generate this image, wild-type and BRPF1 knockout HEK-293T cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 5 % milk in TBS-0.1 % Tween[®] 20 (TBS-T) before incubation with primary antibodies overnight at 4 °C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L (IRDye[®] 800CW) preabsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye[®] 680RD) preabsorbed ([ab216776](#)) at 1/20000 dilution.



All lanes : Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840) at 1/1000 dilution

Lane 1 : HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 2 : 293T (human embryonic kidney epithelial cell) whole cell lysate

Lane 3 : NIH/3T3 (mouse embryonic fibroblast) whole cell lysate

Lane 4 : PC-12 (rat adrenal gland pheochromocytoma) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 137 kDa

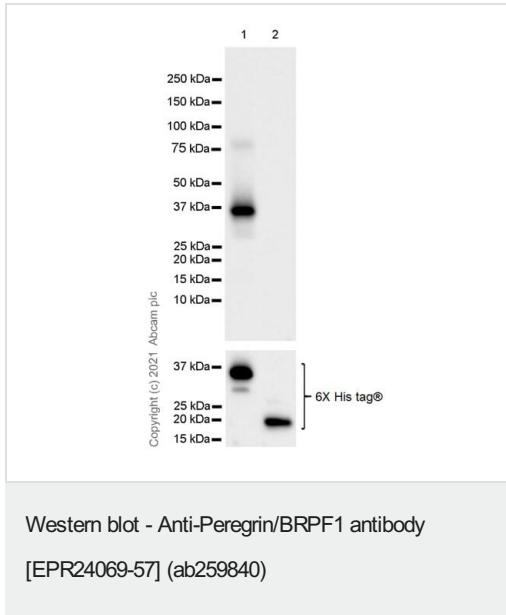
Observed band size: 150-160 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST

The molecular weight observed is consistent with what has been described in the literature (PMID: 7906940).

Lysates were made freshly and used in WB immediately to minimize protein degradation.

Exposure time: 3 minutes



All lanes : Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840) at 1/5000 dilution

Lane 1 : His-tagged human BRPF1 recombinant protein at 0.01 μ g

Lane 2 : His-tagged human BRPF3 recombinant protein at 0.2 μ g

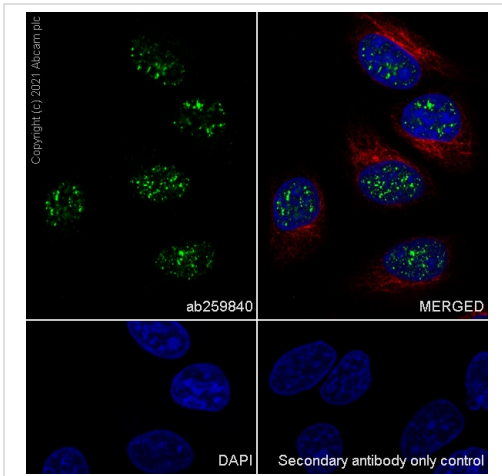
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 137 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST

Exposure time: 8 seconds

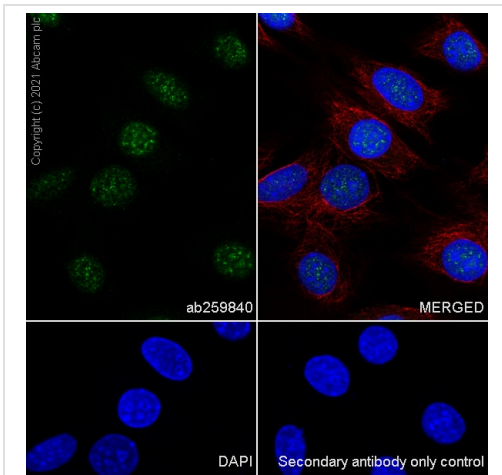


Immunocytochemistry/ Immunofluorescence - Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840)

Immunofluorescent analysis of 100% methanol-fixed, 0.1% TritonX-100 permeabilized HeLa cells labelling Peregrin/BRPF1 with ab259840 at 1/50 (11.34 ug/ml) dilution, followed by **ab150081** Goat Anti-Rabbit IgG H&L (Alexa Fluor[®] 488) preadsorbed antibody at 1/1000 dilution (Green). Confocal image showing nuclear staining in HeLa cells is observed.

ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor[®] 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is **ab150081** Goat Anti-Rabbit IgG H&L (Alexa Fluor[®] 488) preadsorbed at 1/1000 dilution.

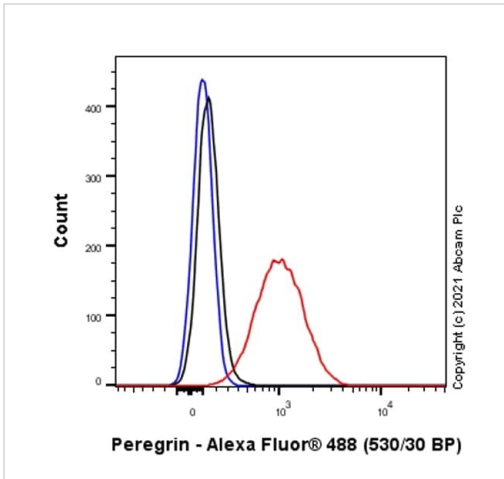


Immunocytochemistry/ Immunofluorescence - Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840)

Immunofluorescent analysis of 100% methanol-fixed, 0.1% TritonX-100 permeabilized NIH/3T3 cells labelling Peregrin/BRPF1 with ab259840 at 1/50 (11.34 ug/ml) dilution, followed by **ab150081** Goat Anti-Rabbit IgG H&L (Alexa Fluor[®] 488) preadsorbed antibody at 1/1000 dilution (Green). Confocal image showing nuclear staining in NIH/3T3 cells is observed.

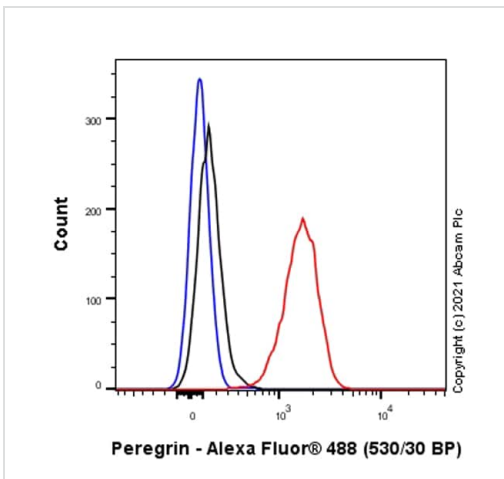
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Secondary antibody only control: Secondary antibody is **ab150081** Goat Anti-Rabbit IgG H&L (Alexa Fluor[®] 488) preadsorbed at 1/1000 dilution.



Flow Cytometry (Intracellular) - Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840)





Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized HeLa (Human cervix adenocarcinoma cell) cells labelling Peregrin/BRPF1 with ab259840 at 1/500 dilution (0.1µg) (Red) compared with a Rabbit monoclonal IgG (**ab172730**) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.



Flow Cytometry (Intracellular) - Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized 4T1 (mouse mammary gland carcinoma epithelial cell) cells labelling Peregrin/BRPF1 with ab259840 at 1/500 dilution (0.1µg) (Red) compared with a Rabbit monoclonal IgG (**ab172730**) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Peregrin/BRPF1 antibody [EPR24069-57] (ab259840)

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