

Anti-PRDM16 antibody ab106410

★★★★★ **9 Abreviews** **69 References** 画像数 4

製品の概要

製品名	Anti-PRDM16 antibody
製品の詳細	Rabbit polyclonal to PRDM16
由来種	Rabbit
特異性	At least four isoforms of PRDM16 are known to exist; ab106410 will recognize all four.
アプリケーション	適用あり: ICC, IHC-P, WB
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human PRDM16 (C terminal). The immunogen is located within amino acids 1120 - 1170 of PRDM16. Database link: Q9HAZ2
ポジティブ・コントロール	WB: K562 cell lysate IHC-P: Human brain tissue ICC: Human brain cells
特記事項	<p>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.</p> <p>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</p>

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). Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
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ab106410の使用に適用されます

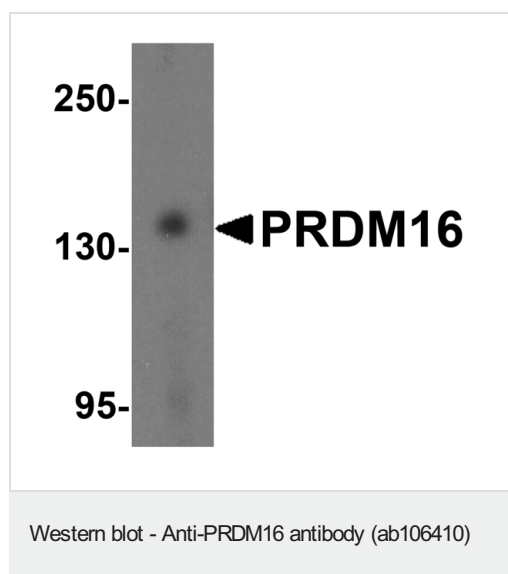
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC		Use a concentration of 20 µg/ml.
IHC-P	★★★★★ (3)	Use a concentration of 2 µg/ml.
WB	★★★★★ (3)	Use a concentration of 1 µg/ml. Predicted molecular weight: 140 kDa.

ターゲット情報

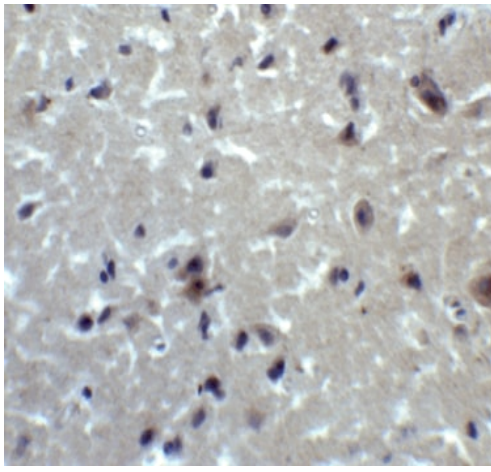
機能	Binds DNA and functions as a transcriptional regulator. Functions in the differentiation of brown adipose tissue (BAT) which is specialized in dissipating chemical energy in the form of heat in response to cold or excess feeding while white adipose tissue (WAT) is specialized in the storage of excess energy and the control of systemic metabolism. Together with CEBPB, regulates the differentiation of myoblastic precursors into brown adipose cells. Functions also as a repressor of TGF-beta signaling. Isoform 4 may regulate granulocytes differentiation.
組織特異性	Expressed in uterus and kidney.
関連疾患	Note=A chromosomal aberration involving PRDM16 is found in myelodysplastic syndrome (MDS) and acute myeloid leukemia (AML). Reciprocal translocation t(1;3)(p36;q21). Isoform 4 is specifically expressed in adult T-cell leukemia.
配列類似性	Contains 10 C2H2-type zinc fingers. Contains 1 SET domain.
細胞内局在	Nucleus.

画像



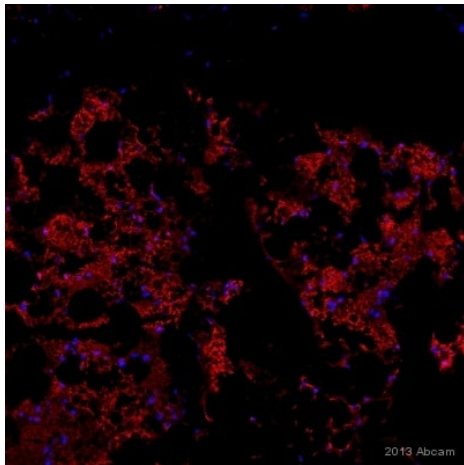
Anti-PRDM16 antibody (ab106410) at 1 µg/ml + K562 (human chronic myelogenous leukemia cell line from bone marrow) cell lysate

Predicted band size: 140 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRDM16 antibody (ab106410)

Paraffin-embedded human brain tissue stained for PRDM16 using ab106410 at 2 µg/ml in immunohistochemical analysis.



Immunocytochemistry - Anti-PRDM16 antibody (ab106410)

Image is courtesy of an Abreview submitted by Lena Appelsved

ab106410 staining RAP1 in Human Brown adipocytes from supraclavicular fat tissue by ICC (Immunocytochemistry). Cells were fixed with paraformaldehyde, permeabilized with 0.3% Triton X-100 and blocked with 10% serum, 1% BSA for 1 hour at 22°C. Samples were incubated with primary antibody (2 µg/ml in 10% serum, 1% BSA, 0.3% Triton X100, PBS) for 16 hours at 4°C. A Cy3®-conjugated Donkey F(ab')₂ anti-rabbit IgG polyclonal (1/500) was used as the secondary antibody.

Immunocytochemistry - Anti-PRDM16 antibody (ab106410)

Immunocytochemical analysis of PRDM16 in Human Brain cells using ab106410 at 20 µg/ml.

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