

Anti-BRN4 antibody ab104562

[1 References](#) [画像数 2](#)

製品の概要

製品名	Anti-BRN4 antibody
製品の詳細	Rabbit polyclonal to BRN4
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Rat 交差が予測される動物種: Mouse, Rabbit, Horse, Cow, Human, Pig, Macaque monkey, Chinese hamster 
免疫原	Synthetic peptide corresponding to Rat BRN4 aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as ab124139)
ポジティブ・コントロール	This antibody gave a positive signal in the following tissue lysates: Rat Brain; Rat Hippocampus; Rat Cerebellum.
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). 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

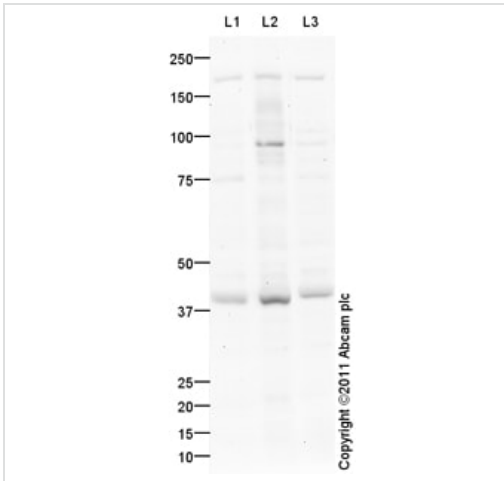
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab104562の使用に適用されず
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 39 kDa (predicted molecular weight: 39 kDa).
IHC-P		Use a concentration of 5 µg/ml.

ターゲット情報

機能	Probable transcription factor which exert its primary action widely during early neural development and in a very limited set of neurons in the mature brain.
組織特異性	Brain specific.
関連疾患	Defects in POU3F4 are a cause of deafness X-linked type 2 (DFNX2) [MIM:304400]. A mixed type of deafness characterized by both conductive hearing loss resulting from stapes (perilymphatic gusher) fixation and progressive sensorineural deafness.
配列類似性	Belongs to the POU transcription factor family. Class-3 subfamily. Contains 1 homeobox DNA-binding domain. Contains 1 POU-specific domain.
細胞内局在	Nucleus.

画像



Western blot - Anti-BRN4 antibody (ab104562)

All lanes : Anti-BRN4 antibody (ab104562) at 1 µg/ml

Lane 1 : Rat Hippocampus Tissue Lysate

Lane 2 : Cerebellum Rat Tissue Lysate

Lane 3 : Brain (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

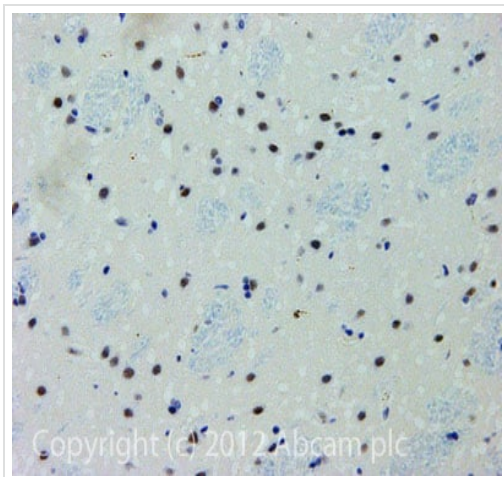
Performed under reducing conditions.

Predicted band size: 39 kDa

Observed band size: 39 kDa

Additional bands at: 190 kDa, 95 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 8 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BRN4 antibody (ab104562)

IHC image of BRN4 staining in Rat normal brain formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab104562, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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