

Anti-Centaurin alpha 1 antibody ab27476

[4 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Centaurin alpha 1 antibody
製品の詳細	Goat polyclonal to Centaurin alpha 1
由来種	Goat
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Mouse, Rat, Human, Pig
免疫原	Synthetic peptide: CQEYAVEAHFKHKP , corresponding to amino acids 362-374 of Human Centaurin alpha 1. Run BLAST with Run BLAST with

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. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris, 0.5% BSA
精製度	Immunogen affinity purified
特記事項(精製)	This antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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ab27476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。

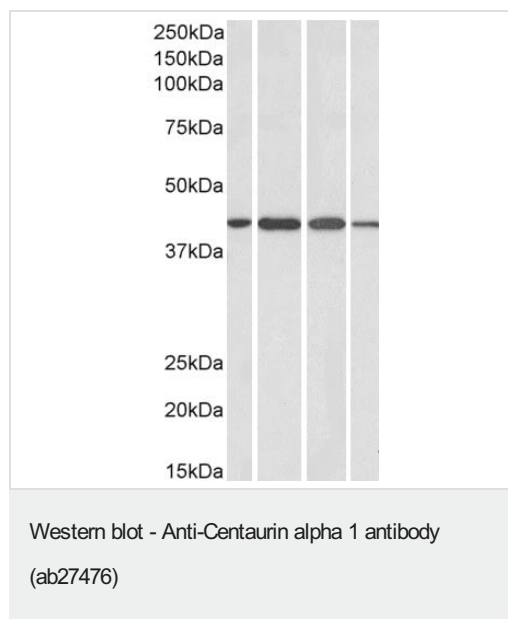
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 40 kDa (predicted molecular weight: 43 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

関連性 The centaurin alpha 1 protein is a high affinity PtdIns(3,4,5)P3 binding protein enriched in brain. By acting as a GTPase activating protein for ADP ribosylation factor 6 (ARF6), centaurin alpha 1 is able to switch off ARF6 and inhibit its ability to mediate beta 2 adrenoceptor internalization and negatively regulates ARF6 activity by functioning as an in vivo PIP3 dependent ARF6 GAP.

細胞内局在 Cytoplasmic, Nuclear and Plasma membrane

画像



All lanes : Anti-Centaurin alpha 1 antibody (ab27476) at 1 µg/ml

Lane 1 : Human brain tissue lysate

Lane 2 : Mouse brain tissue lysate

Lane 3 : Rat brain tissue lysate

Lane 4 : Pig brain tissue lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 43 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Centaurin alpha 1 antibody (ab27476)

IHC image of ab27476 staining in human normal hippocampus formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol B. 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 ab27476, 10µg/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.

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

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