

Anti-Centaurin alpha 1 antibody ab27476

4 References **2 图像**

概述

产品名称	Anti-Centaurin alpha 1 抗体
描述	山羊多克隆抗体 to Centaurin alpha 1
宿主	Goat
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: 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

常规说明	<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>
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性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	This antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab27476于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

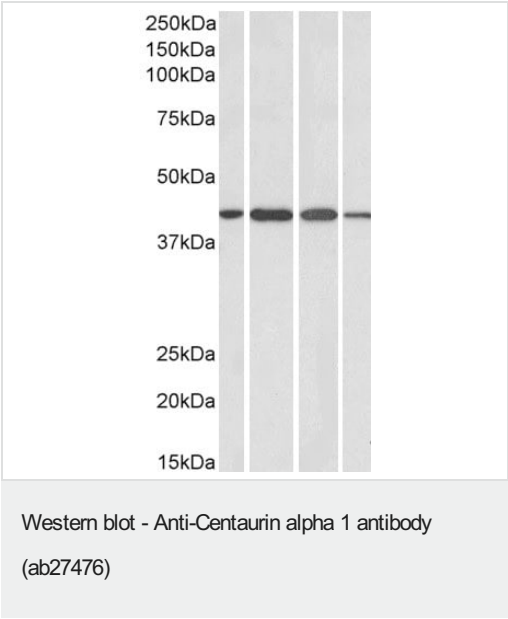
应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 40 kDa (predicted molecular weight: 43 kDa). 1 hour primary incubation is recommended for this product.

靶标

相关性 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.

细胞定位 Cytoplasmic, Nuclear and Plasma membrane

图片



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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