



Anti-Aquaporin 4 antibody ab125049

[3 References](#) [2 图像](#)

概述

产品名称	Anti-Aquaporin 4抗体
描述	兔多克隆抗体to Aquaporin 4
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Rat
免疫原	<p>Synthetic peptide:</p> <p>N-CTKGSYMEVEDNRSQVETED</p> <p>, corresponding to C terminal amino acids 273-291 of Rat Aquaporin 4 (NP_036957.1).</p> <p> Run BLAST with  Run BLAST with</p>
阳性对照	Rat kidney lysate; Rat kidney tissue
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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	<p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS</p>
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab125049于以下的经测试应用

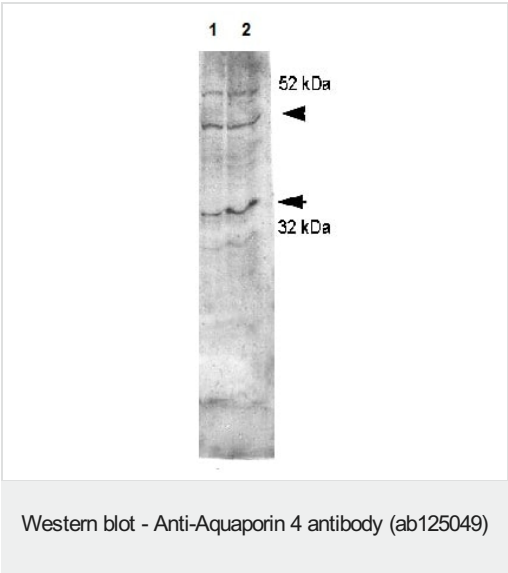
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/200 - 1/400.
WB		1/1000 - 1/4000. Predicted molecular weight: 35 kDa.

靶标

功能	Forms a water-specific channel. Osmoreceptor which regulates body water balance and mediates water flow within the central nervous system.
组织特异性	Brain - muscle >> heart, kidney, lung, and trachea.
序列相似性	Belongs to the MIP/aquaporin (TC 1.A.8) family.
结构域	Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA).
翻译后修饰	Phosphorylation by PKC at Ser-180 reduces conductance by 50%. Phosphorylation by PKG at Ser-111 in response to glutamats increases conductance by 40%.
细胞定位	Membrane.

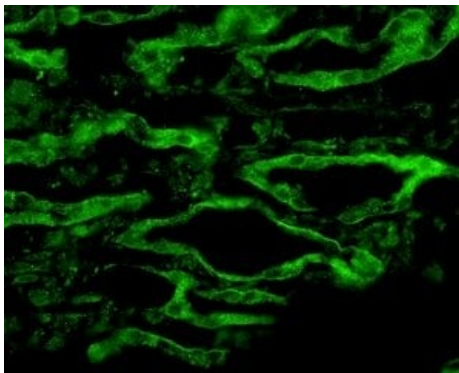
图片



All lanes : Anti-Aquaporin 4 antibody (ab125049) at 1/2000 dilution

All lanes : Rat kidney lysate

Predicted band size: 35 kDa



ab125049, at 1/200 dilution, staining Aquaporin 4 in Rat kidney tissue by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Aquaporin 4 antibody (ab125049)

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