



Anti-Aquaporin 4 antibody ab125049

3 References [画像数 2](#)

製品の概要

製品名	Anti-Aquaporin 4 antibody
製品の詳細	Rabbit polyclonal to Aquaporin 4
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB
種交差性	交差種: Rat
免疫原	Synthetic peptide: N-CTKGSYMEVEDNRSQVETED , corresponding to C terminal amino acids 273-291 of Rat Aquaporin 4 (NP_036957.1).  Run BLAST with  Run BLAST with
ポジティブ・コントロール	Rat kidney lysate; Rat kidney tissue
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 -20°C.
バッファー	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS
精製度	Protein A 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

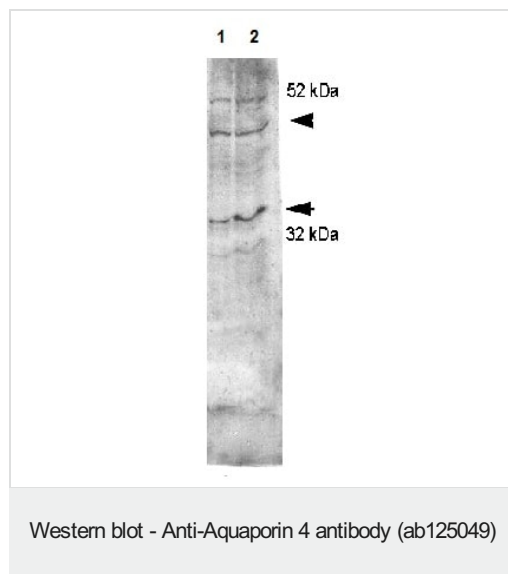
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab125049の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/200 - 1/400.
WB		1/1000 - 1/4000. Predicted molecular weight: 35 kDa.

ターゲット情報

機能	Forms a water-specific channel. Osmoreceptor which regulates body water balance and mediates water flow within the central nervous system.
組織特異性	Brain - muscle >> heart, kidney, lung, and trachea.
配列類似性	Belongs to the MIP/aquaporin (TC 1.A.8) family.
ドメイン	Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA).
翻訳後修飾	Phosphorylation by PKC at Ser-180 reduces conductance by 50%. Phosphorylation by PKG at Ser-111 in response to glutamats increases conductance by 40%.
細胞内局在	Membrane.

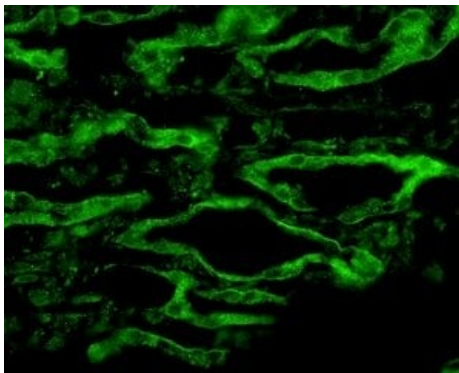
画像



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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