




Anti-ABCC9 antibody [N319A/14] - C-terminal ab174629

1 References [画像数 2](#)

製品の概要

製品名	Anti-ABCC9 antibody [N319A/14] - C-terminal
製品の詳細	Mouse monoclonal [N319A/14] to ABCC9 - C-terminal
由来種	Mouse
特異性	ab174629 does not crossreact with SUR2B.
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 交差が予測される動物種: Rabbit 
免疫原	Recombinant fragment within Mouse ABCC9 aa 1500 to the C-terminus (C terminal). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements. Database link: <u>P70170</u> <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	WB: Rat brain membrane lysate. ICC/IF: SK-N-BE cells.
特記事項	<p>The clone number has been updated from S319A-14 to N319A/14, both clone numbers name the same antibody clone.</p> <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 long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.4 Preservative: 0.1% Sodium azide

	Constituents: PBS, 50% Glycerol (glycerin, glycerine)
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	N319A/14
アイソタイプ	IgG2a

アプリケーション

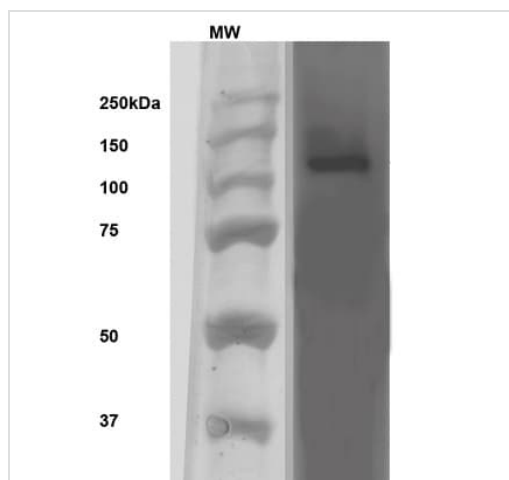
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab174629の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
WB		1/1000. Predicted molecular weight: 174 kDa.

ターゲット情報

機能	Subunit of ATP-sensitive potassium channels (KATP). Can form cardiac and smooth muscle-type KATP channels with KCNJ11. KCNJ11 forms the channel pore while ABCC9 is required for activation and regulation.
関連疾患	Defects in ABCC9 are the cause of cardiomyopathy dilated type 1O (CMD1O) [MIM:608569]; also known as dilated cardiomyopathy with ventricular tachycardia. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death. Defects in ABCC9 are the cause of familial atrial fibrillation type 12 (ATFB12) [MIM:614050]. ATFB12 is a familial form of atrial fibrillation, a common sustained cardiac rhythm disturbance. Atrial fibrillation is characterized by disorganized atrial electrical activity and ineffective atrial contraction promoting blood stasis in the atria and reduces ventricular filling. It can result in palpitations, syncope, thromboembolic stroke, and congestive heart failure.
配列類似性	Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily. Contains 2 ABC transmembrane type-1 domains. Contains 2 ABC transporter domains.
細胞内局在	Membrane.

画像



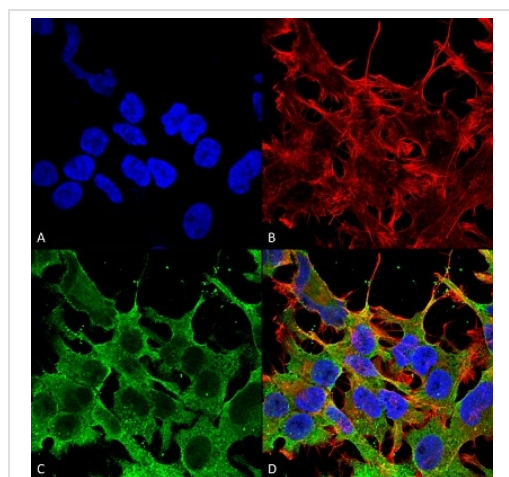
Western blot - Anti-ABCC9 antibody [N319A/14] - C-terminal (ab174629)

Anti-ABCC9 antibody [N319A/14] - C-terminal (ab174629) at 1/1000 dilution + Rat brain membrane lysate at 10 µg

Secondary

Goat anti-mouse IgG at 1/200 dilution

Predicted band size: 174 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABCC9 antibody [N319A/14] - C-terminal (ab174629)

4% formaldehyde-fixed SK-N-BE cells labeling ABCC9 using ab174629 at 1/100 dilution in ICC/IF. Cells were fixed for 15 minutes at room temperature and incubated with primary antibody for 1 hour at room temperature. Secondary antibody was a goat anti-mouse ATTO 488 (green) at 1/100 dilution incubated for 1 hour at room temperature. Counter stained with Phalloidin Texas Red F-actin stain. Nuclei were stained with DAPI (blue).

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