

Product datasheet

Anti-KCNN4 antibody ab75956

★★★★☆ 1 Abreviews 1 References 画像数 1

製品の概要

製品名	Anti-KCNN4 antibody
製品の詳細	Rabbit polyclonal to KCNN4
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human, Pig
免疫原	Synthetic peptide conjugated to KLH derived from within residues 400 to the C-terminus of Human KCNN4. Immunogen の所有権に関して (Peptide available as ab87266 .)
ポジティブ・コントロール	This antibody gave a positive signal in the following human tissue lysates: Skin Placenta

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 or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Immunogen affinity 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

Our [Abpromise guarantee](#) covers the use of **ab75956** in the following tested applications.

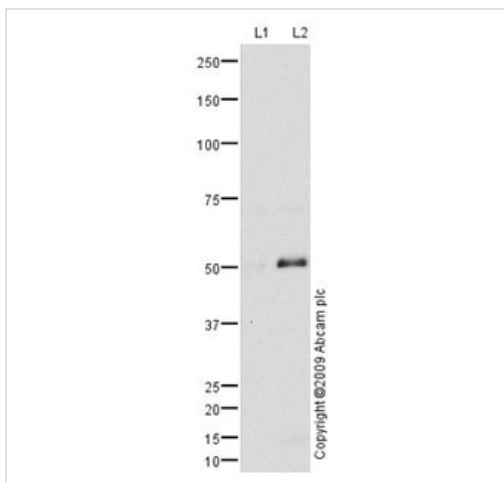
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB	★★★★☆	Use a concentration of 1 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 47 kDa).

ターゲット情報

機能	Forms a voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization which promotes calcium influx. Required for maximal calcium influx and proliferation during the reactivation of naive T cells. The channel is blocked by clotrimazole and charybdotoxin but is insensitive to apamin.
組織特異性	Widely expressed in non-excitabile tissues.
配列類似性	Belongs to the potassium channel KCNN family, KCa3.1/KCNN4 subfamily.
翻訳後修飾	Phosphorylation at His-358 by NDKB activates the channel, and conversely it's dephosphorylation by PHPT1 inhibits the channel.
細胞内局在	Membrane.

画像



Western blot - Anti-KCNN4 antibody (ab75956)

All lanes : Anti-KCNN4 antibody (ab75956)
at 1 µg/ml

Lane 1 : Human skin tissue lysate - total
protein (ab30166)

Lane 2 : Human placenta tissue lysate - total
protein (ab29745)

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG -
H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 47 kDa

Observed band size: 50 kDa

The 50 kDa band observed is comparable to
the molecular weight seen with other
commercially available antibodies to KCNN4.

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