


Product datasheet

Anti-ACCN2 antibody ab94753

画像数 6

製品の概要

製品名	Anti-ACCN2 antibody
製品の詳細	Rabbit polyclonal to ACCN2
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 交差が予測される動物種: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog 
免疫原	Synthetic peptide corresponding to a region within N terminal amino acids 2-51 (ELKAEEDVEVGVQPVSIQAF ASSSTLHGLA HIFSYERLSL KRALWALCFL) of Human ACCN2 (NP_064423). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	HT1080 cell lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
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 **ab94753** in the following tested applications.

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

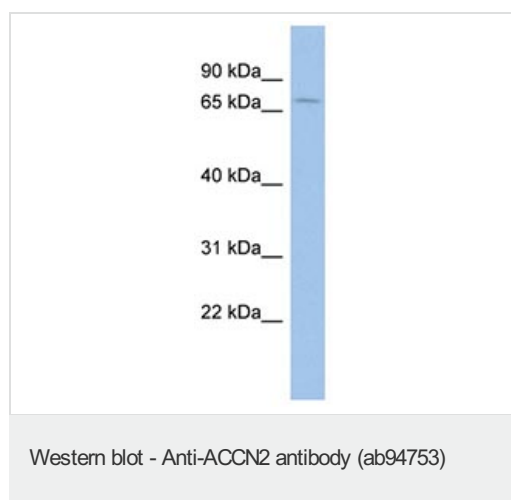
アプリケーション	Abreviews	特記事項

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 65 kDa. (Isoform 1) Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

ターゲット情報

機能	Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Also permeable for Ca(2+), Li(+) and K(+). Generates a biphasic current with a fast inactivating and a slow sustained phase. Mediates glutamate-independent Ca(2+) entry into neurons upon acidosis. This Ca(2+) overloading is toxic for cortical neurons and may be in part responsible for ischemic brain injury. Heteromeric channel assembly seems to modulate channel properties. Functions as a postsynaptic proton receptor that influences intracellular Ca(2+) concentration and calmodulin-dependent protein kinase II phosphorylation and thereby the density of dendritic spines. Modulates activity in the circuits underlying innate fear.
組織特異性	Expressed in most or all neurons.
配列類似性	Belongs to the amiloride-sensitive sodium channel (TC 1.A.6) family. ACCN2 subfamily.
翻訳後修飾	Phosphorylation by PKA regulates interaction with PRKCABP and subcellular location. Phosphorylation by PKC may regulate the channel.
細胞内局在	Cell membrane. Localizes in synaptosomes at dendritic synapses of neurons. Colocalizes with DLG4.

画像



Anti-ACCN2 antibody (ab94753) at 1 µg/ml (in 5% skim milk / PBS buffer) + HT1080 cell lysate at 10 µg

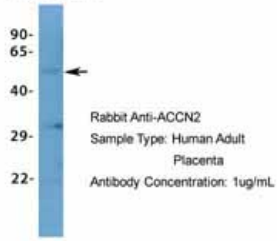
Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 65 kDa

Gel concentration: 12%

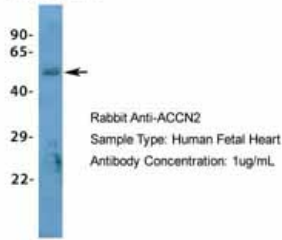
ACCN2



Western Blot using ab94753 at 1.0ug/ml.
Sample type: Hum. Adult Placenta Lysate

Western blot - Anti-ACCN2 antibody (ab94753)

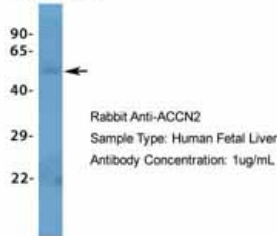
ACCN2



Western Blot using ab94753 at 1.0ug/ml.
Sample type: Hum. Fetal Heart Lysate

Western blot - Anti-ACCN2 antibody (ab94753)

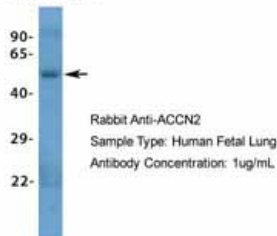
ACCN2



Western Blot using ab94753 at 1.0ug/ml.
Sample type: Hum. Fetal Liver Lysate

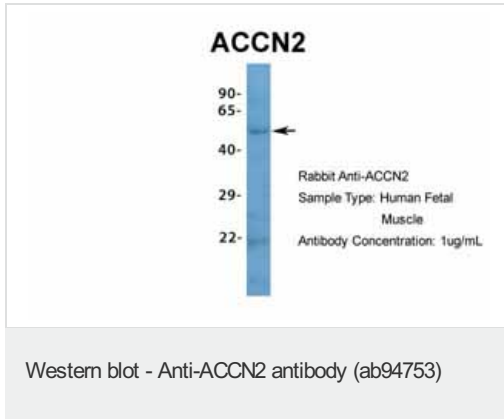
Western blot - Anti-ACCN2 antibody (ab94753)

ACCN2



Western Blot using ab94753 at 1.0ug/ml.
Sample type: Hum. Fetal Lung Lysate

Western blot - Anti-ACCN2 antibody (ab94753)



Western Blot using ab94753 at 1.0ug/ml.

Sample type: Hum. Fetal Muscle Lysate

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