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Datasheet for ABIN4995937

anti-ACCN4 antibody (AA 451-550) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	ACCN4
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN4 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ACCN4/ASIC4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	ACCN4
Alternative Name:	ACCN4 (ACCN4 Products)
Background:	Synonyms: Accn4, ACCN4_HUMAN, Acid sensing proton gated ion channel family member 4,

Target Details

Acid sensing ion channel 4, Acid-sensing ion channel 4, Amiloride sensitive cation channel 4, Amiloride sensitive cation channel 4 pituitary, Amiloride sensitive cation channel family member 4 pituitary, Amiloride-sensitive cation channel 4, Amiloride-sensitive cation channel 4, ASIC4, BNAC4, Brain sodium channel 4, pituitary.

Background: This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary gland, and was considered a candidate for paroxysmal dystonic choreoathetosis (PDC), a movement disorder, however, no correlation was found between mutations in this gene and PDC. [provided by RefSeq, Feb 2012].

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months