Datasheet for ABIN1413220

anti-ACCN4 antibody (AA 451-550) (Cy5)

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Overview

Quantity:	100 µL
Target:	ACCN4
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN4 antibody is conjugated to Cy5
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

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