

Datasheet for ABIN705914

anti-SCNN1B antibody (AA 401-500) (Cy3)



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Overview

Quantity:	100 µL
Target:	SCNN1B
Binding Specificity:	AA 401-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCNN1B antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCNN1B
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SCNN1B
Alternative Name:	SCNN1B (SCNN1B Products)
Background:	Synonyms: BESC1, ENaCb, SCNEB, ENaCbeta, Amiloride-sensitive sodium channel subunit

Target Details

beta, Beta-NaCH, Epithelial Na(+) channel subunit beta, Beta-ENaC, Nonvoltage-gated sodium channel 1 subunit beta, SCNN1B

Background: Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodifusion of the luminal sodium (and water, which follows osmotically) through the apical membrane of epithelial cells. Plays an essential role in electrolyte and blood pressure homeostasis, but also in airway surface liquid homeostasis, which is important for proper clearance of mucus. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.

Gene ID: 6338

UniProt: [P51168](#)

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