

Datasheet for ABIN878413

anti-SCNN1B antibody (pThr615) (PE-Cy5.5)



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Overview

Quantity:	100 µL
Target:	SCNN1B
Binding Specificity:	pThr615
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCNN1B antibody is conjugated to PE-Cy5.5
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human SCNN1B around the phosphorylation site of Thr615
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	SCNN1B
Alternative Name:	SCNN1B (SCNN1B Products)

Target Details

Background:	Synonyms: BESC1, ENaCb, SCNEB, ENaCbβ, Amiloride-sensitive sodium channel subunit β, β-NaCH, Epithelial Na^{+}) channel subunit β, β-ENaC, Nonvoltage-gated sodium channel 1 subunit β, SCNN1B Background: Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodiffusion 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.
Molecular Weight:	73kDa
Gene ID:	6338
UniProt:	P51168

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 μ g/ μ L
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 $^{\circ}$ C
Storage Comment:	Store at -20 $^{\circ}$ C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months