

Datasheet for ABIN713469

**anti-SCNN1B antibody (pThr615) (PE-Cy7)**[Go to Product page](#)

## 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-Cy7 |
| 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 ( <a href="#">SCNN1B Products</a> ) |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | <p>Synonyms: BESC1, ENaCb, SCNEB, ENaCb<math>\beta</math>, Amiloride-sensitive sodium channel subunit <math>\beta</math>, <math>\beta</math>-NaCH, Epithelial Na<math>^{+}</math>) channel subunit <math>\beta</math>, <math>\beta</math>-ENaC, Nonvoltage-gated sodium channel 1 subunit <math>\beta</math>, SCNN1B</p> <p>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.</p> |
| Molecular Weight: | 73kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID:          | 6338                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt:          | <a href="#">P51168</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 $\mu$ g/ $\mu$ 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                                                                                                              |