




Anti-SCNN1B antibody ab172276

1 Image

Overview

Product name	Anti-SCNN1B antibody
Description	Mouse polyclonal to SCNN1B
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rabbit 
Immunogen	Recombinant full length protein within Human SCNN1B aa 1 to the C-terminus. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements. Database link: AAH36352.2  Run BLAST with  Run BLAST with
Positive control	Recombinant Human SCNN1B protein (ab132248) can be used as a positive control in WB. SCNN1B transfected 293T cell line lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab172276 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 73 kDa.

Target

Function

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. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.

Involvement in disease

Pseudohypoaldosteronism 1, autosomal recessive
Liddle syndrome
Bronchiectasis with or without elevated sweat chloride 1

Sequence similarities

Belongs to the amiloride-sensitive sodium channel (TC 1.A.6) family. SCNN1B subfamily.

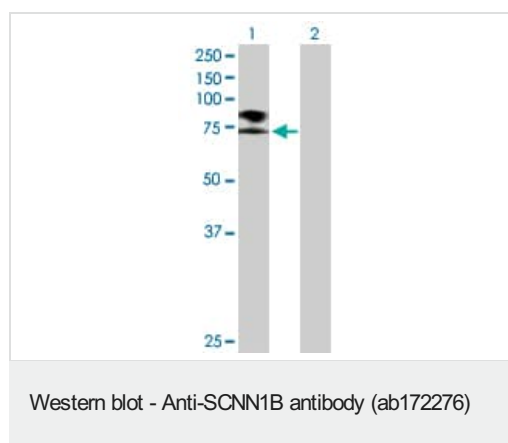
Post-translational modifications

Phosphorylated on serine and threonine residues.

Cellular localization

Apical cell membrane. Apical membrane of epithelial cells.

Images



All lanes : Anti-SCNN1B antibody (ab172276) at 1 µg/ml

Lane 1 : SCNN1B transfected 293T cell line lysate

Lane 2 : 293T cell line lysate (non-transfected)

Lysates/proteins at 15 µl per lane.

Secondary

All lanes : Goat anti-mouse HRP conjugated antibody at 1/2500 dilution

Developed using the ECL technique.

Predicted band size: 73 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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