




Product datasheet

Anti-SCNN1B antibody [7B8] - C-terminal ab241050

2 Images

Overview

Product name	Anti-SCNN1B antibody [7B8] - C-terminal
Description	Mouse monoclonal [7B8] to SCNN1B - C-terminal
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse Predicted to work with: Rat 
Immunogen	Synthetic peptide corresponding to Rat SCNN1B aa 600 to the C-terminus (C terminal). NP_036780 Database link: P37090  Run BLAST with  Run BLAST with
Positive control	IHC-P: Mouse kidney cortex tissue. WB: Mouse kidney homogenates.
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	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Protein G purified
Purification notes	Purified from TCS.
Clonality	Monoclonal
Clone number	7B8

Isotype

IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab241050 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		1/1000. Predicted molecular weight: 73 kDa.
IHC-P		1/50.

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.

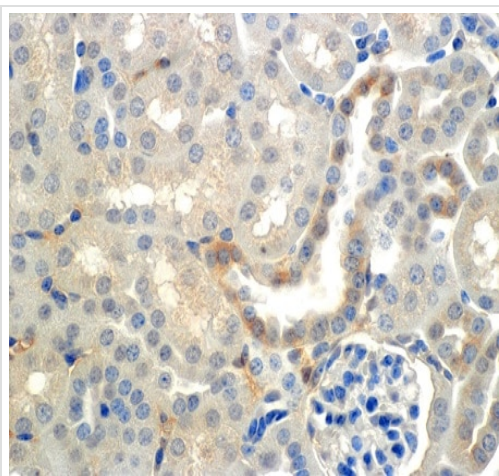
Post-translational modifications

Phosphorylated on serine and threonine residues.

Cellular localization

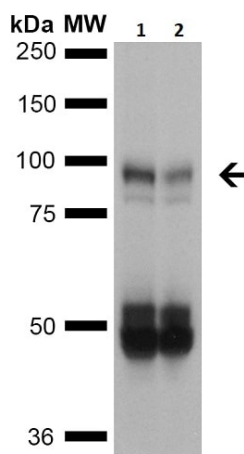
Apical cell membrane. Apical membrane of epithelial cells.

Images



Formalin-fixed, paraffin-embedded mouse kidney cortex tissue stained for SCNN1B with ab241050 at 1/150 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCNN1B antibody [7B8] - C-terminal (ab241050)



Western blot - Anti-SCNN1B antibody [7B8] - C-terminal (ab241050)

All lanes : Anti-SCNN1B antibody [7B8] - C-terminal (ab241050) at 1/1000 dilution

Lane 1 : Mouse kidney homogenates from a mouse on a low-salt diet

Lane 2 : Mouse kidney homogenates from a mouse on a normal salt diet

Lysates/proteins at 20 µg per lane.

Predicted band size: 73 kDa

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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