

# SCNN1A Rabbit Polyclonal Antibody



CAB5538

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

76kDa

### Calculated MW:

28kDa/73kDa/75kDa/77kDa/  
78kDa/81kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000 IF 1:50 -  
1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the alpha subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), a rare salt wasting disease resulting from target organ unresponsiveness to mineralocorticoids. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

## Immunogen information

### Gene ID:

6337

### Uniprot

P37088

### Synonyms:

SCNN1A; BESC2; ENaCa; ENaCalpha; SCNEA; SCNN1

### Immunogen:

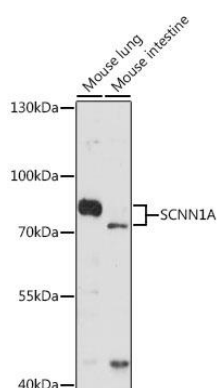
Recombinant fusion protein containing a sequence corresponding to amino acids 105-225 of human SCNN1A (NP\_001029.1).

### Storage:

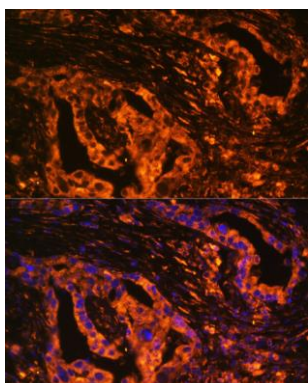
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

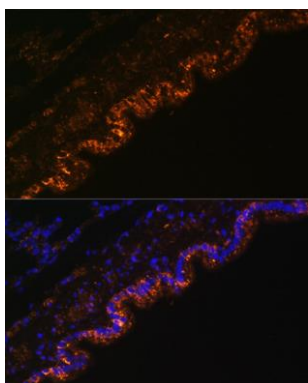
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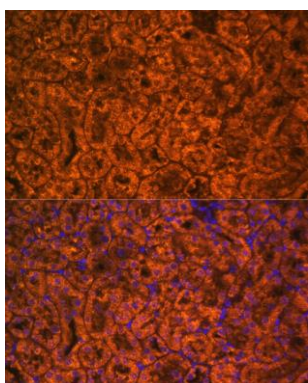
Western blot analysis of extracts of various cell lines, using SCNN1A antibody (CAB5538) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunofluorescence analysis of human lung cancer cells using SCNN1A antibody (CAB5538) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat lung cells using SCNN1A antibody (CAB5538) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse kidney cells using SCNN1A antibody (CAB5538) at dilution of 1:100. Blue: DAPI for nuclear staining.