

For Research Use Only

# SCNN1A Polyclonal antibody, PBS Only

Catalog Number: 28707-1-PBS



## Basic Information

<b>Catalog Number:</b> 28707-1-PBS	<b>GenBank Accession Number:</b> BC006526	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6337	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P37088	
<b>Isotype:</b> IgG	<b>Full Name:</b> sodium channel, nonvoltage-gated 1 alpha	
<b>Immunogen Catalog Number:</b> AG30063	<b>Calculated MW:</b> 76 kDa	
	<b>Observed MW:</b> 60-70 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Amiloride-sensitive sodium channel subunit alpha (SCNN1A, also known as Alpha-ENaC and ENaCA) is essential for maintaining sodium homeostasis and is particularly important in the distal nephron and late distal convoluted tubule of the kidney, where aldosterone triggers ENaC activity (PMID: 18086683; 31654198). The ~97 kDa and ~75kDa bands represent the glycosylated and unglycosylated forms of SCNN1A (PMID: 19462466). It also migrated as intact (= 75 kDa) and furin-cleaved (= 50 kDa) in urinary extracellular vesicles (uEVs) (PMID: 31654198).

## Storage

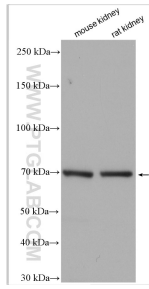
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28707-1-AP (SCNN1A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28707-1-PBS in a different storage buffer formulation.