

For Research Use Only

SCNN1A Polyclonal antibody, PBS Only

Catalog Number: 28707-1-PBS



Basic Information

Catalog Number:

28707-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30063

GenBank Accession Number:

BC006526

GeneID (NCBI):

6337

UNIPROT ID:

P37088

Full Name:

sodium channel, nonvoltage-gated 1
alpha

Calculated MW:

76 kDa

Observed MW:

60-70 kDa

Purification Method:

Antigen affinity purification

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 ~75 kDa 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

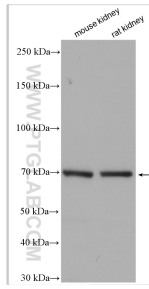
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.