

Datasheet for ABIN7435487
anti-SCNN1A antibody (AA 112-543)



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3 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | SCNN1A |
| Binding Specificity: | AA 112-543 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SCNN1A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|-------------------|--|
| Purpose: | Polyclonal Antibody to Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a) |
| Immunogen: | Recombinant Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a) corresponding to Tyr112~Thr543 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against SCNN1a. It has been selected for its ability to recognize SCNN1a in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

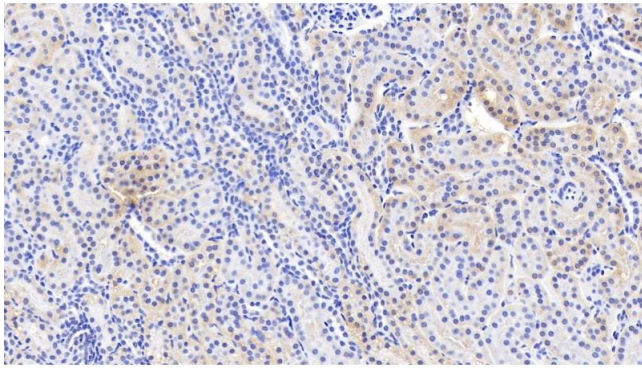
| | |
|-------------------|--|
| Target: | SCNN1A |
| Alternative Name: | Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1A Products) |
| Background: | ENaCa, ENaCalpha, SCNEA, SCNN1, Sodium Channel, Nonvoltage-Gated 1, Alpha, Epithelial Na(+) channel subunit alpha, Nonvoltage-gated sodium channel 1 subunit alpha |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

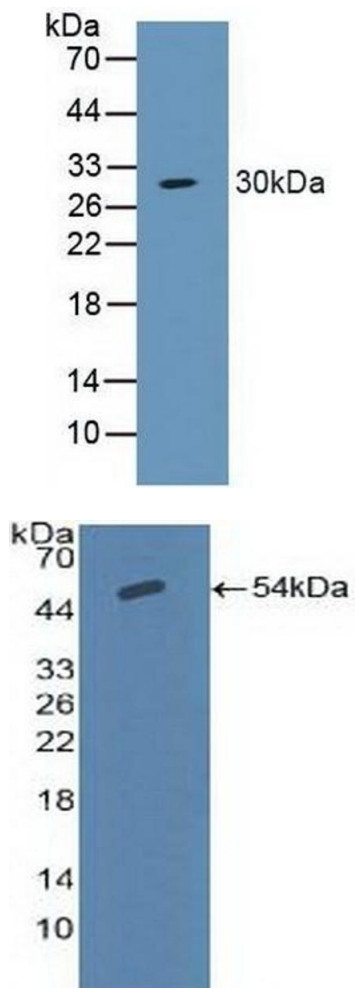
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Immunohistochemistry

Image 1. Detection of SCNN1a in Human Kidney Tissue using Polyclonal Antibody to Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a)



Western Blotting

Image 2. Detection of SCNN1a in Porcine Large Intestine Tissue using Polyclonal Antibody to Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a)

Western Blotting

Image 3. Detection of Recombinant SCNN1a, Human using Polyclonal Antibody to Amiloride Sensitive Sodium Channel Subunit Alpha (SCNN1a)