

Datasheet for ABIN372870

anti-SCNN1G antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	SCNN1G
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCNN1G antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide corresponding to C-terminal residues of Human SCNN1G (Amiloride-sensitive sodium channel gamma-subunit).
Isotype:	IgG
Specificity:	This antibody detects Human SCNN1G at C-term.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	SCNN1G
Alternative Name:	ENAC gamma / SCNN1G (SCNN1G Products)

Target Details

Background:	Epithelial sodium channels are amiloride-sensitive members of the Degenerin/epithelial sodium channel (Deg/ENaC) superfamily of ion channels. Members of this superfamily of ion channels share organizational similarity in that they all possess two short intracellular amino and carboxyl termini, two short membrane spanning segments, and a large extracellular loop with a conserved cysteine-rich region. There are three homologous isoforms of the ENaC (alpha, beta, and gamma) protein. ENaC in the kidney, lung, and colon plays an essential role in trans-epithelial sodium and fluid balance. ENaC also mediates aldosterone-dependent sodium reabsorption in the distal nephron of the kidney, thus regulating blood pressure. ENaC is thought to be regulated, in part, through association with the cystic fibrosis transmembrane conductance regulator (CFTR) chloride ion channel. Gain-of-function mutations in beta- or gamma-ENaC can cause severe arterial hypertension (Liddle's syndrome) and loss-of-function mutations in alpha- or beta-ENaC causes pseudohypoaldosteronism (PHA-1).Synonyms: Amiloride-sensitive sodium channel subunit gamma, ENaCG, Epithelial Na(+) channel subunit gamma, Gamma-ENaC, Gamma-NaCH, Nonvoltage-gated sodium channel 1 subunit gamma, SCNEG
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Gene ID:	6340
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NCBI Accession:	NP_001030
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UniProt:	P51170
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Application Details

Application Notes:	Immunohistochemistry on paraffin sections: 5 µg/mL. Western blot: 1 µg/mL. ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Concentration:	0.5 mg/mL
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Buffer:	PBS containing 0.01 % Sodium Azide and 50 % Glycerol
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Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freezing and thawing.
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Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images

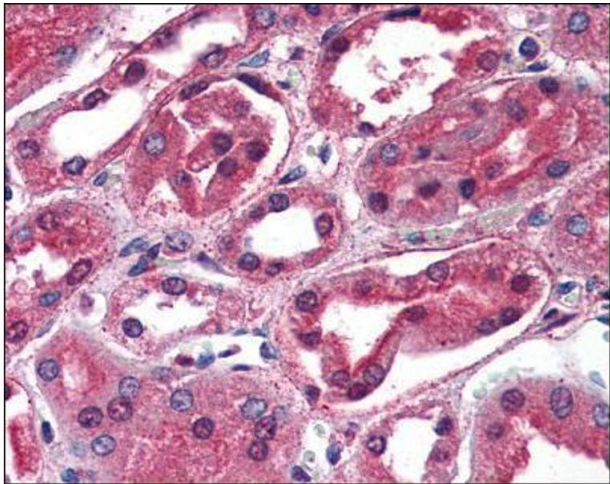


Image 1.