

## ENaC Beta Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02948
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Nonvoltage-gated Sodium Channel 1. AA range:581-630
<b>Mol wt</b>	72659
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ENaC beta Antibody
<b>Synonyms</b>	SCNN1B; Amiloride-sensitive sodium channel subunit beta; Beta-NaCH; Epithelial Na <sup>(+)</sup> channel subunit beta; Beta-ENaC; ENaCB; Nonvoltage-gated sodium channel 1 subunit beta; SCNEB

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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. SCNN1B (sodium channel epithelial 1 beta subunit) encodes the beta subunit, and mutations in SCNN1B have been associated with pseudohypoaldosteronism type 1 (PHA1), and Liddle syndrome.

### Recommended Dilution

WB: 1: 500 - 2000

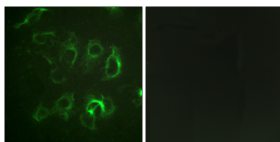
IF: 1: 200 - 1: 1000

ELISA: 1: 20000

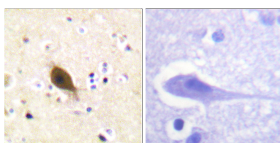
IHC: 1: 100 - 1: 300

Not yet tested in other applications.

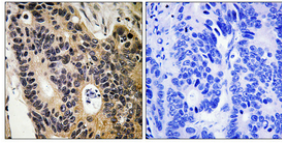
### Images



Immunofluorescence analysis of HUVEC cells, using Nonvoltage-gated Sodium Channel 1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Nonvoltage-gated Sodium Channel 1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

### Storage

-20°C for one year

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