BT LAB
Bioassay Technology Laboratory
Optimize Your Research

ENaC Beta Polyclonal Antibody

Description

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

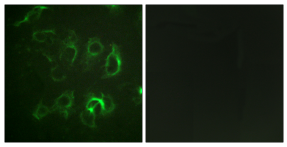
IF: 1: 200 - 1: 1000

ELISA: 1: 20000

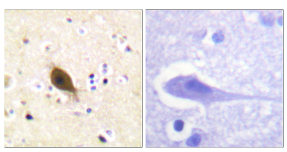
IHC: 1: 100 - 1: 300

Not yet tested in other applications.

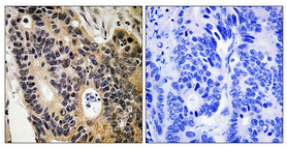
Images



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. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com