

ENaC beta(Phospho Thr615) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15399
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Nonvoltage-gated Sodium Channel 1 around the phosphorylation site of Thr615. AA range:581-630
Mol wt	72659
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Amiloride-sensitive sodium channel subunit beta
Synonyms	Amiloride-sensitive sodium channel subunit beta; 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. This gene encodes the beta subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), and Liddle syndrome.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

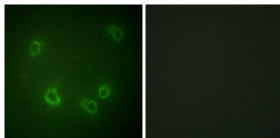
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

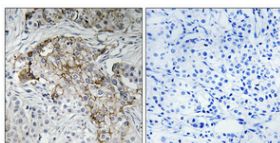
ELISA: 1: 10000

Not yet tested in other applications.

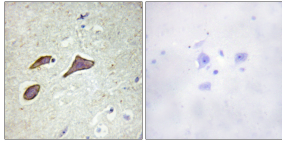
Images



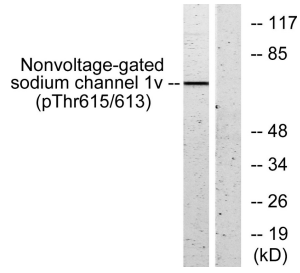
Immunofluorescence analysis of COS7 cells, using Nonvoltage-gated Sodium Channel 1 (Phospho-Thr615) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4°C 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.



Immunohistochemistry analysis of paraffin-embedded human brain, using Nonvoltage-gated Sodium Channel 1 (Phospho-Thr615) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells, using Nonvoltage-gated Sodium Channel 1 (Phospho-Thr615) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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