

Na⁺ CP type α -pan (E1476) polyclonal antibody

Catalog: BS3558

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Voltage-gated Na⁺ channels regulate the permeability of excitable cells to sodium ions. During the propagation of an action potential, Na⁺ channels allow an influx of sodium ions, which rapidly depolarize the cell. The sodium channel protein is comprised of one α subunit and two β subunits. The Na⁺ CP type I and Na⁺ CP type II α subunits are expressed in adult brain. Na⁺ CP type III α is expressed in embryonic brain, but not in adult brain. Na⁺ CP type III β is a 215 amino acid, single-pass type I membrane protein that modulates sodium channel gating kinetics and inactivates the channel opening more slowly than the I β subunit. It has an extracellular N-terminal domain, an N-terminal signal sequence, a single membrane-spanning region and a C-terminal cytoplasmic region.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 226 kDa

Swiss-Prot:

Q15858

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1:50~1:200

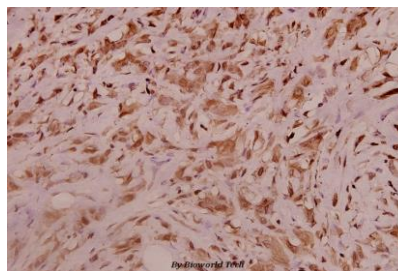
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Na⁺ CP type α -pan (E1476) polyclonal antibody detects endogenous levels of Na⁺ CP type α -pan protein.

DATA:



Immunohistochemistry (IHC) analyzes of Na⁺ CP type α -pan (E1476) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

For research use only, not for use in diagnostic procedure.

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