

## Na<sup>+</sup> CP type II Alpha Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05752
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human Na <sup>+</sup> CP type II $\alpha$ .
<b>Mol wt</b>	227975
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Na <sup>+</sup> CP type IIalpha Antibody
<b>Synonyms</b>	SCN2A; NAC2; SCN2A1; SCN2A2; Sodium channel protein type 2 subunit alpha; HBSC II; Sodium channel protein brain II subunit alpha; Sodium channel protein type II subunit alpha; Voltage-gated sodium cha

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

### Background

Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with 24 transmembrane domains and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. SCN2A encodes one member of the sodium channel alpha subunit gene family. It is heterogeneously expressed in the brain, and mutations in SCN2A have been linked to several seizure disorders. Several alternatively spliced transcript variants of SCN2A have been described, but the full-length nature of some of these variants has not been determined.

### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year