

Anti-SCN2A antibody

Cat. No.	ml261107
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-SCN2A rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human SCN2A
Reactivity	Human, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SCN2A
Full name	sodium channel, voltage-gated, type II, alpha subunit
Synonyms	HBA; NAC2; BFIC3; BFIS3; BFNIS; HBSCI; EIEE11; HBSCII; Nav1.2; SCN2A1; SCN2A2; Na(v)1.2
Swissprot	Q99250

Target 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. This gene encodes one member of the sodium channel alpha subunit gene family. It is heterogeneously expressed in the brain, and mutations in this gene have been linked to several seizure disorders. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

订购热线: 4008-898-798

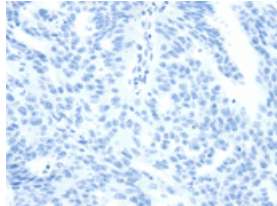
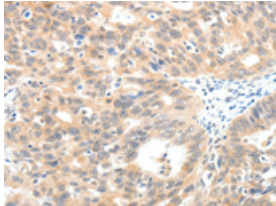
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human ovarian cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml261107(SCN2A Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-5000

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