

## Anti-SCN1A antibody

<b>Cat. No.</b>	ml261106
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-SCN1A rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human SCN1A
<b>Reactivity</b>	Human, Rat
<b>Content</b>	0.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	SCN1A
<b>Full name</b>	sodium channel, voltage gated, type I alpha subunit
<b>Synonyms</b>	FEB3; FHM3; NAC1; SCN1; SMEI; EIEE6; FEB3A; HBSCI; GEFSP2; Nav1.1
<b>Swissprot</b>	P35498

### Target Background

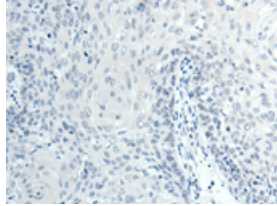
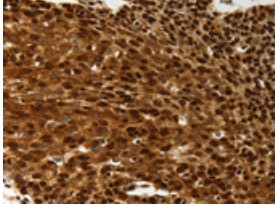
The vertebrate sodium channel is a voltage-gated ion channel essential for the generation and propagation of action potentials, mainly in nerve and muscle. Voltage-sensitive sodium channels are heteromeric complexes consisting of a large central pore-forming glycosylated alpha subunit, and two smaller auxiliary beta subunits. This gene encodes the large alpha subunit, and mutations in this gene have been associated with several epilepsy, convulsion and migraine disorders. Alternative splicing results in multiple transcript variants. The RefSeq Project has decided to create four representative RefSeq records. Three of the transcript variants are supported by experimental evidence and the fourth contains alternate 5' untranslated exons, the exact combination of which have not been experimentally confirmed for the full-length transcript.

订购热线: 4008-898-798

### Applications

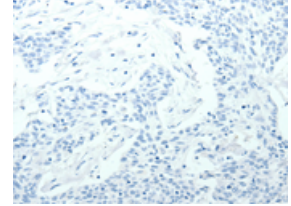
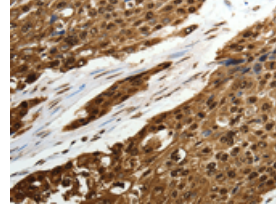
#### Immunohistochemistry

Predicted cell location: Cytoplasm, Nucleus  
Positive control: Human cervical cancer  
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml261106(SCN1A Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm, Nucleus  
Positive control: Human esophagus cancer  
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml261106(SCN1A Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

#### ELISA

Recommended dilution: 2000-5000

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