

## Anti-CACNB4 antibody

<b>Cat. No.</b>	ml163359
<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-CACNB4 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human CACNB4
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.2 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>	CACNB4
<b>Full name</b>	calcium voltage-gated channel auxiliary subunit beta 4
<b>Synonyms</b>	EA5; EJM; CAB4; EIG9; EJM4; EJM6; CACNLB4
<b>Swissprot</b>	CACNB4

### Target Background

This gene encodes a member of the beta subunit family of voltage-dependent calcium channel complex proteins. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. The protein encoded by this locus plays an important role in calcium channel function by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation. Certain mutations in this gene have been associated with idiopathic generalized epilepsy (IGE) and juvenile myoclonic epilepsy (JME). Multiple transcript variants encoding different isoforms have been found for this gene.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 58 kDa

Positive control: Mouse brain tissue lysate

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

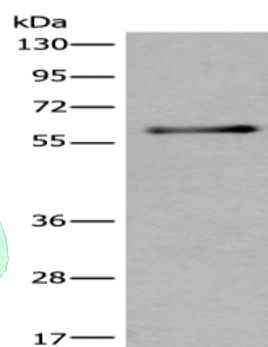
Lysate: 40 µg

Lane: Mouse brain tissue lysate

Primary antibody: ml163359(CACNB4 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



##### ELISA

Recommended dilution: 5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)