

Anti-CHRNA4 antibody

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| Cat. No. | ml121017 |
| Package | 25 µl/100 µl/200 µl |
| Storage | -20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |

Product overview

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|---------------------|--|
| Description | Anti-CHRNA4 rabbit polyclonal antibody |
| Applications | ELISA, IHC |
| Immunogen | Fusion protein of human CHRNA4 |
| Reactivity | Human |
| Content | 0.4 mg/ml |
| Host species | Rabbit |
| Ig class | Immunogen-specific rabbit IgG |
| Purification | Antigen affinity purification |

Target information

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|------------------|---|
| Symbol | CHRNA4 |
| Full name | cholinergic receptor, nicotinic, alpha 4 (neuronal) |
| Synonyms | EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4 |
| Swissprot | P43681 |

Target Background

This gene encodes a nicotinic acetylcholine receptor, which belongs to a superfamily of ligand-gated ion channels that play a role in fast signal transmission at synapses. These pentameric receptors can bind acetylcholine, which causes an extensive change in conformation that leads to the opening of an ion-conducting channel across the plasma membrane. This protein is an integral membrane receptor subunit that can interact with either nAChR beta-2 or nAChR beta-4 to form a functional receptor. Mutations in this gene cause nocturnal frontal lobe epilepsy type 1.

订购热线: 4008-898-798

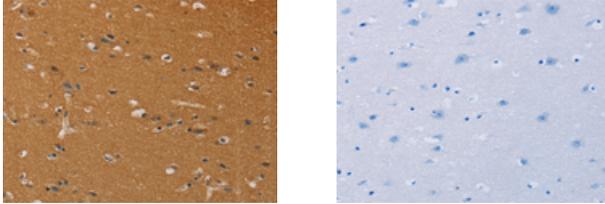
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml121017(CHRNA4 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000

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