

Product datasheet

Human Nicotinic Acetylcholine Receptor alpha 4 peptide ab99319

概述

产品名称 人Nicotinic Acetylcholine Receptor alpha 4肽

描述

性质 Synthetic

氨基酸序列

种属 Human

技术指标

Our [Abpromise guarantee](#) covers the use of **ab99319** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 Blocking - Blocking peptide for Anti-Nicotinic Acetylcholine Receptor alpha 4 antibody ([ab41172](#))

形式 Lyophilised

制备和贮存

稳定性和存储 Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

复溶 Dissolve in a small volume of 30% ethanol in water (EtOH/H₂O @ 3/7: V/V) or 25% acetonitrile in water (AcCN/H₂O @ 25/75: V/V), and then dilute to desired concentration in appropriate buffer for specific use

常规信息

功能 After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.

疾病相关 Defects in CHRNA4 are the cause of nocturnal frontal lobe epilepsy type 1 (ENFL1) [MIM:600513]; also symbolized ADNFLE. ENFL1 is an autosomal dominant epilepsy characterized by nocturnal seizures with hyperkinetic automatisms and poorly organized stereotyped movements.

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|--------------|---|
| 序列相似性 | Belongs to the ligand-gated ion channel (TC 1.A.9) family. Acetylcholine receptor (TC 1.A.9.1) subfamily. Alpha-4/CHRNA4 sub-subfamily. |
| 细胞定位 | Cell junction > synapse > postsynaptic cell membrane. Cell membrane. |

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