

Product datasheet

Human Nicotinic Acetylcholine Receptor alpha 4/CHRNA4 peptide ab99319

描述

产品名称	人Nicotinic Acetylcholine Receptor alpha 4/CHRNA4多肽
无动物成分	No
性质	Synthetic
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
形式	Lyophilized
补充说明	This product was previously labelled as Nicotinic Acetylcholine Receptor alpha 4

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/H ₂ O @ 3/7: V/V) or 25% acetonitrile in water (AcCN/H ₂ O @ 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 ADFLE. ENFL1 is an autosomal dominant epilepsy characterized by nocturnal seizures with hyperkinetic automatisms and poorly organized stereotyped movements.

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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