

Anti-Nicotinic Acetylcholine Receptor alpha 4/CHRNA4 antibody [EPR4563(2)] ab124832

重组 RabMAb

★★★★★ 2 Abreviews 5 References 2 图像

概述

产品名称	Anti-Nicotinic Acetylcholine Receptor alpha 4/CHRNA4抗体[EPR4563(2)]
描述	兔单克隆抗体[EPR4563(2)] to Nicotinic Acetylcholine Receptor alpha 4/CHRNA4
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Nicotinic Acetylcholine Receptor alpha 4/CHRNA4 aa 500-600. The exact sequence is proprietary.
阳性对照	SH-SY5Y, A673, C6 and Neuro-2a cell lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号EPR4563(2)

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab124832于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (1)	1/10000 - 1/50000. Detects a band of approximately 70 kDa (predicted molecular weight: 70 kDa).

应用说明 Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

靶标

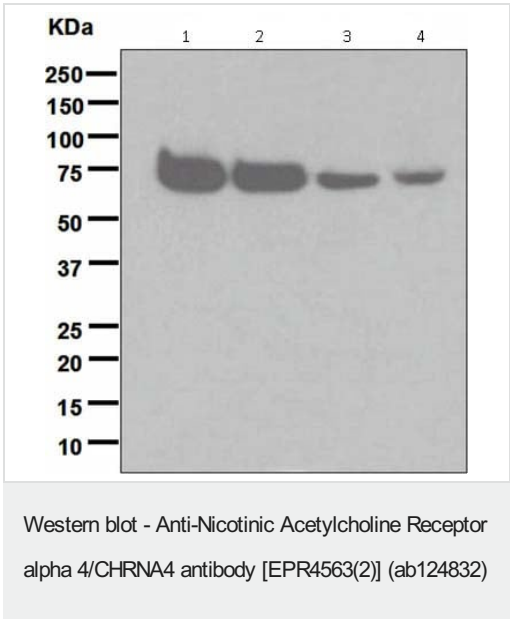
功能 After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.

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.

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.

图片



All lanes : Anti-Nicotinic Acetylcholine Receptor alpha 4/CHRNA4 antibody [EPR4563(2)] (ab124832) at 1/10000 dilution

Lane 1 : SH-SY5Y cell lysate

Lane 2 : A673 cell lysate

Lane 3 : C6 cell lysate

Lane 4 : Neuro-2a cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 70 kDa

Observed band size: 70 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Nicotinic Acetylcholine Receptor alpha
4/CHRNA4 antibody [EPR4563(2)] (ab124832)

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

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