

**产品名称: Nicotinic Acetylcholine Receptor alpha 4 Rabbit
Monoclonal Antibody**
产品货号: AMRe87327



产品概述 (Summary)

产品名称 (Production Name)	Nicotinic Acetylcholine Receptor alpha 4 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Nicotinic Acetylcholine Receptor alpha 4
别名 (Alternative Names)	EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4
基因 ID (Gene ID)	1137
蛋白 ID (SwissProt ID)	P43681.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:20000
蛋白分子量 (Molecular Weight)	Calculated MW:70 kDa; Observed MW:70 kDa

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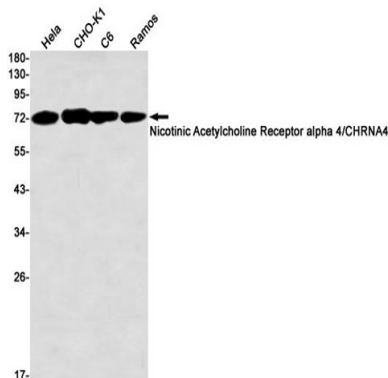


研究背景 (Background)

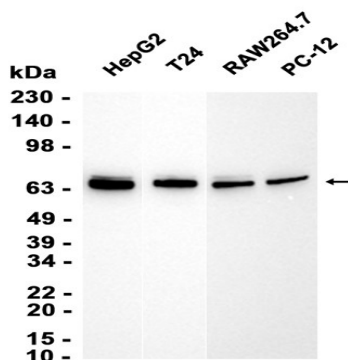
This gene encodes a nicotinic acetylcholine receptor, which belongs to a superfamily of ligand-gated ion channels that play a role in fast signal transmission at synapses. These pentameric receptors can bind acetylcholine, which causes an extensive change in conformation that leads to the opening of 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. Polymorphisms in this gene that provide protection against nicotine addiction have been described. Alternative splicing results in multiple transcript variants.
[provided by RefSeq, Feb 2012]

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of Nicotinic Acetylcholine Receptor alpha 4/CHRNA4 in HeLa, CHO-K1, C6, Ramos cell lysates using Nicotinic Acetylcholine Receptor alpha 4/CHRNA4 antibody (1:1000 diluted).



Western blot analysis of extracts from HepG2, T24, RAW264.7, PC-12 cells using AMRe87327 at 1:5000.

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注意事项 (Note)

For research use only .