

Nicotinic Acetylcholine Receptor alpha 4 Recombinant Rabbit mAb

Catalog: BS46574

Host: Rabbit

Reactivity: Human, Mouse, Rat

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]

Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

70 kDa

Swiss-Prot:

P43681

Purification&Purity:

Affinity Purification

Applications:

WB: 1:2000-1:10000 ICC/IF: 1:20 IP: 1:20

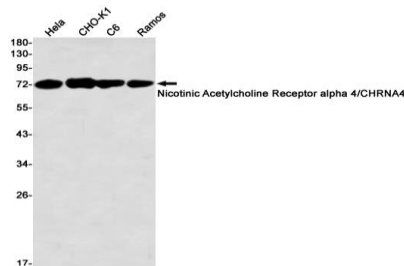
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

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).

Note:

For research use only, not for use in diagnostic procedure.

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