

ACHG Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14093
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Acetylcholine receptor subunit gamma
Synonyms	Acetylcholine receptor subunit gamma

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The mammalian muscle-type acetylcholine receptor is a transmembrane pentameric glycoprotein with two alpha subunits| one beta| one delta| and one epsilon (in adult skeletal muscle) or gamma (in fetal and denervated muscle) subunit. This gene| which encodes the gamma subunit| is expressed prior to the thirty-third week of gestation in humans. The gamma subunit of the acetylcholine receptor plays a role in neuromuscular organogenesis and ligand binding and disruption of gamma subunit expression prevents the correct localization of the receptor in cell membranes. Mutations in this gene cause Escobar syndrome and a lethal form of multiple pterygium syndrome. Muscle-type acetylcholine receptor is the major antigen in the autoimmune disease myasthenia gravis.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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