

Anti-RAPSN (43 kDa receptor-associated protein of the synapse) Polyclonal Antibody

Cat. #: 60B888

Description:

RAPSN (43 kDa receptor-associated protein of the synapse) play some role in anchoring or stabilizing the nicotinic acetylcholine receptor at synaptic sites. It may link the receptor to the underlying postsynaptic cytoskeleton, possibly by direct association with actin or spectrin. RAPSN is localized in cytoplasmic surface of postsynaptic membranes. A cysteine-rich region homologous to part of the regulatory domain of protein kinase C may be important in interactions of this protein with the lipid bilayer. Defects in RAPSN are a cause of congenital myasthenic syndrome type 1d (CMS1d).

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human RAPSN (43 kDa receptor-associated protein of the synapse)

References

- Buckel,A., et al, Genomics 35 (3), 613-616 (1996)
Ohno,K., et al, Am. J. Hum. Genet. 70 (4), 875-885 (2002)
Dunne,V. and Maselli,R.A., J. Hum. Genet. 48 (4), 204-207 (2003)
Maselli,R.A., et al, Muscle Nerve 28 (3), 293-301 (2003)
Muller,J.S., et al, Neurology 60 (11), 1805-1810 (2003)
Burke,G., et al, Neurology 61 (6), 826-828 (2003)
Banwell,B.L., et al, Neuromuscul. Disord. 14 (3), 202-207 (2004)
loos,C., et al, Neuropediatrics 35 (4), 246-249 (2004)

Clone Number:

Isotype:

Species: human, mouse

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)