

RAPSN

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 46kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human RAPSN

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FADS; CMS11; CMS4C; RAPSYN; RNF205;

Catalog #: A6716

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5913

Isotype: IgG

Swiss Prot: Q13702

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of a family of proteins that are receptor associated proteins of the synapse. The encoded protein contains a conserved cAMP-dependent protein kinase phosphorylation site, and plays a critical role in clustering and anchoring nicotinic acetylcholine receptors at synaptic sites by linking the receptors to the underlying postsynaptic cytoskeleton, possibly by direct association with actin or spectrin. Mutations in this gene may play a role in postsynaptic congenital myasthenic syndromes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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