

## 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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