

**ARG64986**  
**anti-RAPSN / Rapsyn antibody**Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes RAPSN / Rapsyn
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_005046.2; NP_116034.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RAPSN / Rapsyn
Species	Human
Immunogen	YQSNQTEKALQVWTK-C
Conjugation	Un-conjugated
Alternate Names	FADS; RING finger protein 205; 43 kDa receptor-associated protein of the synapse; Acetylcholine receptor-associated 43 kDa protein; CMS11; 43 kDa postsynaptic protein; RNF205; CMS4C; RAPsyn; RAPSYN

### Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links

[GeneID: 5913 Human](#)

[Swiss-port # Q13702 Human](#)

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. [provided by RefSeq, Apr 2011]

Research Area

Neuroscience antibody

Calculated Mw

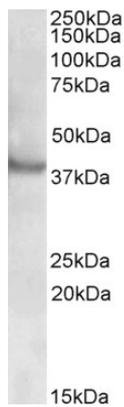
46 kDa

PTM

Ubiquitinated by the BCR(KLHL8) complex, leading to its degradation.

## Images

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ARG64986 anti-RAPSN / Rapsyn antibody WB image

Western Blot: Human Skeletal Muscle lysate (35 µg protein in RIPA buffer) stained with ARG64986 anti-RAPSN / Rapsyn antibody at 0.5 µg/ml dilution.