

# RAPSN rabbit monoclonal antibody

Catalog # H00005913-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human RAPSN peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human RAPSN is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human RAPSN peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — RAPSN

**Entrez GeneID** [5913](#)

**GeneBank Accession#** [RAPSN](#)

**Gene Name** RAPSN

**Gene Alias** CMS1D, CMS1E, MGC3597, RNF205

**Gene Description** receptor-associated protein of the synapse

**Omim ID** [601592 608931](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This protein belongs to a family of proteins that are receptor associated proteins of the synapse. It contains a conserved cAMP-dependent protein kinase phosphorylation site. It is believed to 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. Two splice variants have been identified for this gene. [provided by RefSeq]

**Other Designations** 43 kD receptor-associated protein of the synapse|43 kda postsynaptic protein|acetylcholine receptor-associated 43 kda protein|rapsyn|receptor-associated protein of the synapse, 43kD