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## anti-RAPSN antibody (C-Term)





Overview	
Quantity:	100 μL
Target:	RAPSN
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAPSN antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RAPSN
Sequence:	ELYCGLCGES IGEKNSRLQA LPCSHIFHLR CLQNNGTRSC PNCRRSSMKP
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 79%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against RAPSN. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	RAPSN

## Target Details

Alternative Name:	RAPSN (RAPSN Products)
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.  Alias Symbols: RAPSN, RNF205,
	Protein Interaction Partner: BAG3, HSP90AA1, UBE2Z, KHDRBS1, MUSK, CHRNB1, DAG1, GRB2,
	Protein Size: 353
Gene ID:	5913
NCBI Accession:	NP_116034
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

90 kDa\_\_ 65 kDa\_\_ 40 kDa\_\_ 29 kDa\_\_ 22 kDa\_\_

Host: Rabbit

Target Name: RAPSN

Sample Tissue: Uterus Tumor Lysate

Antibody Dilution: 1.0µg/ml

## **Western Blotting**

Image 1. Host: Rabbit Target Name: RAPSN Sample Type:

Uterus Tumor lysates Antibody Dilution: 1.0ug/ml