

Datasheet for ABIN2775693
anti-RAPSN antibody (N-Term)[Go to Product page](#)

1 Image

Overview

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| Quantity: | 100 µL |
| Target: | RAPSN |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio), Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RAPSN antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human RAPSN |
| Sequence: | MGQDQTKQQI EKGLQLYQSN QTEKALQVWT KVLEKSSDLM GRFRVLGCLV |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against RAPSN. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | RAPSN |
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Target Details

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| Alternative Name: | RAPSN (RAPSN Products) |
| Background: | <p>RAPSN 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. 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.</p> <p>Alias Symbols: CMS1D, CMS1E, MGC3597, RAPSIN, RNF205</p> <p>Protein Interaction Partner: BAG3, HSP90AA1, UBE2Z, KHDRBS1, MUSK, CHRNA1, DAG1, GRB2, Protein Size: 353</p> |
| Molecular Weight: | 39 kDa |
| Gene ID: | 5913 |
| NCBI Accession: | NM_032645 , NP_116034 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 353 AA |
| Restrictions: | For Research Use only |

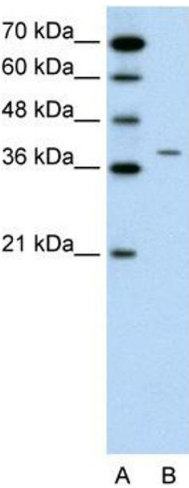
Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| 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. |

Handling

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| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| 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. |

Validation report #104256 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-RAPSN Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate