10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# SRRM3 Antibody(Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19628c

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | A6NNA2 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat, Bovine, Canine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB39884 |
| **Calculated MW** | 65249 |
| **Antigen Region** | 264-291 |

## Additional Information

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| **Other Names** | Serine/arginine repetitive matrix protein 3, SRRM3 |
| **Target/Specificity** | This SRRM3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 264-291 amino acids from the Central region of human SRRM3. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | SRRM3 Antibody(Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | SRRM3 |
| **Function** | RNA splicing factor that regulates inclusion of microexons in mRNA transcripts (PubMed:35858306, PubMed:36759540). Required for motor coordination. In cortical neurons, acts redundantly with SRRM4 and regulates many alternative splicing events, including inclusion of exon 4 into the transcriptional repressor REST transcript, leading to REST inactivation. REST inactivation de-represses potassium-chloride cotransporter 2/SLC12A5 |

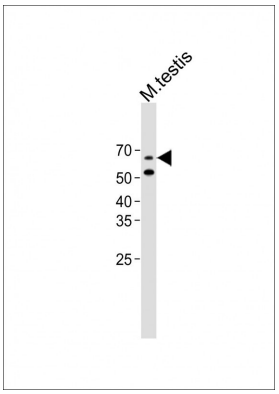
expression, resulting in the switch in GABAergic neurotransmission from immature excitatory to inhibitory (By similarity). Regulates inclusion of a microexon in TBC1D24 in the brain cortex (By similarity). In pancreatic islets, mediates microexon inclusion and regulates glucose- or amino acid-stimulated insulin secretion, as well as glucagon secretion (PubMed:36759540). Regulates microexon inclusion in the developing retina, which is required for outer segment maintenance and vision (By similarity).

**Tissue Location** Expressed in neural tissues and in pancreatic islet cells.

## Background

The function of this protein remains unknown.

## Images




All lanes: Anti-SRRM3 Antibody (Center) at 1:1000 dilution + Mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 65 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.