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SRRM3 Rabbit pAb

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Catalog # AP58858

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A6NNA2
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65249
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SRRM3
Epitope Specificity	165-260/597
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Other Names	Serine/arginine repetitive matrix protein 3, SRRM3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

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

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