

SRRM4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58859

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	A7MD48
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68559

Additional Information

Gene ID	84530
Other Names	Serine/arginine repetitive matrix protein 4, Medulloblastoma antigen MU-MB-2.76, Neural-specific serine/arginine repetitive splicing factor of 100 kDa, Neural-specific SR-related protein of 100 kDa, nSR100, SRRM4, KIAA1853
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	SRRM4
Synonyms	KIAA1853
Function	Splicing factor specifically required for neural cell differentiation. Acts in conjunction with nPTB/PTBP2 by binding directly to its regulated target transcripts and promotes neural- specific exon inclusion in many genes that function in neural cell differentiation. Required to promote the inclusion of neural-specific exon 10 in nPTB/PTBP2, leading to increased expression of neural- specific nPTB/PTBP2. Also promotes the inclusion of exon 16 in DAAM1 in neuron extracts (By similarity). Promotes alternative splicing of REST transcripts to produce REST isoform 3 (REST4) with greatly reduced repressive activity, thereby activating expression of REST targets in neural cells (PubMed: 30684677). Plays an important role during embryonic development as well as in the proper functioning of the adult nervous system. Regulates alternative splicing events in genes with important neuronal

functions (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8BKA3}.

Tissue Location

Specifically expressed in neuronal cells (at protein level). Expressed in the cerebellum

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