



Rabbit Anti-SRRM4 antibody

SL8069R

Product Name:	SRRM4
Chinese Name:	丝氨酸/精氨酸相关核基质蛋白4抗体
Alias:	Neural-specific serine/arginine repetitive splicing factor of 100 kDa; Neural-specific SR-related protein of 100 kDa; nSR100; Serine/arginine repetitive matrix protein 4; Srrm4; SRRM4_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	69kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SRRM4:451-611/611
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

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).

Subcellular Location:

Nucleus (By similarity).

Tissue Specificity:

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

Post-translational modifications:

Phosphorylated (By similarity).

Similarity:

Belongs to the nSR100 family.

SWISS:

A7MD48

Gene ID:

84530

Database links:

[Entrez Gene: 84530](#)Human

[Entrez Gene: 68955](#)Mouse

[Entrez Gene: 498189](#)Rat

[SwissProt: A7MD48](#)Human

[SwissProt: Q8BKA3](#)Mouse

[Unigene: 726207](#)Human

[Unigene: 146779](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

--	--

www.sunlongbiotech.com