

# SRM rabbit monoclonal antibody

Catalog # H00006723-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human SRM peptide using ARM Technology.
Immunogen	A synthetic peptide of human SRM is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SRM peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SRM

Entrez GeneID	<a href="#">6723</a>
GeneBank Accession#	<a href="#">SRM</a>
Gene Name	SRM
Gene Alias	PAPT, SPDSY, SPS1, SRML1
Gene Description	spermidine synthase
Omim ID	<a href="#">182891</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The polyamines putrescine, spermine, and spermidine are ubiquitous polycationic mediators of cell growth and differentiation. Spermidine synthase is one of four enzymes in the polyamine-biosynthetic pathway and carries out the final step of spermidine biosynthesis. This enzyme catalyzes the conversion of putrescine to spermidine using decarboxylated S-adenosylmethionine as the cofactor. [provided by RefSeq]
Other Designations	OTTHUMP00000002170 putrescine aminopropyltransferase spermidine synthase-1

## Pathway

- [Arginine and proline metabolism](#)
- [beta-Alanine metabolism](#)
- [Cysteine and methionine metabolism](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)