

Rabbit anti-Human, Mouse SRM Polyclonal Antibody | anti-SRM antibody

Rabbit anti-SRM Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213294	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

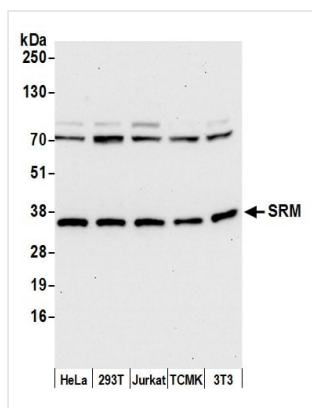
PRODUCT SYNONYMS

SRM; Polyclonal Antibody; Rabbit anti-SRM Antibody; Affinity Purified; putrescine aminopropyltransferase; SPS1; SRML1; spermidine synthase-1; PAPT; SPDSY; spermidine synthase; Spermidine synthase; anti-SRM antibody

PRODUCT SPECIFICATIONS

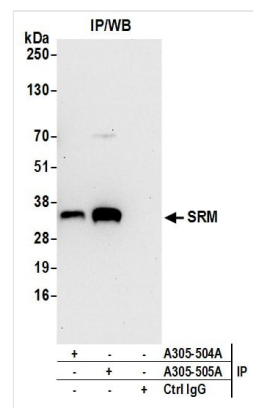
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SRM antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 252 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse SRM by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SRM antibody AAA213294 (lot AAA213294-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human SRM by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SRM antibody AAA213294 (lot AAA213294-1) used for IP at 6 ug per reaction. SRM was also immunoprecipitated by rabbit anti-SRM antibody For blotting immunoprecipitated SRM, AAA213294 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SRM antibody	The polyamines putrescine, spermine, and spermidine are ubiquitous polycationic mediators of cell growth and differentiation. Spermidine synthase (SRM) is one of four enzymes in the polyamine-biosynthetic pathway and carries out the final step of spermidine biosynthesis. Spermidine synthase catalyzes the conversion of putrescine to spermidine using decarboxylated S-adenosylmethionine as the cofactor [taken from NCBI Entrez Gene (Gene ID: 6723)].
Product Categories/Family for anti-SRM antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	63253298
NCBI GeneID	6723
NCBI Accession #	NP_003123.2
NCBI GenBank Nucleotide #	NM_003132.2
UniProt Accession #	P19623; Q15511; B1AKP9
Molecular Weight	33,825 Da
NCBI Official Full Name	spermidine synthase
NCBI Official Synonym Full Names	spermidine synthase
NCBI Official Symbol	SRM
NCBI Official Synonym Symbols	PAPT; SPS1; SPDSY; SRML1
NCBI Protein Information	spermidine synthase; putrescine aminopropyltransferase; spermidine synthase-1
UniProt Protein Name	Spermidine synthase
UniProt Gene Name	SRM
UniProt Synonym Gene Names	SPS1; SRML1; SPDSY
UniProt Entry Name	SPEE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/srm-antibody-immunoprecipitation-western-blot-elisa/213294>