

Rabbit anti-Human, Mouse SRPK1 Polyclonal Antibody | anti-SRPK1 antibody

Rabbit anti-SRPK1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211882	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

SRPK1; Polyclonal Antibody; Rabbit anti-SRPK1 Antibody; Affinity Purified; serine/threonine-protein kinase SRPK1; SRSF protein kinase 1; SR-protein-specific kinase 1; SFRS protein kinase 1; serine/arginine-rich splicing factor kinase 1; Serine/arginine-rich protein-specific kinase 1; SFRSK1; anti-SRPK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SRPK1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 275 and 325
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 SRPK1 by western blot (h & m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-SRPK1 antibody AAA211882 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. SRPK1 was also immunoprecipitated by rabbit anti-SRPK1 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human SRPK1 by immunohistochemistry. Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti-SRPK1 (Cat. No. AAA211882 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-SRPK1 antibody	Serine/arginine rich protein-specific kinase 1 (SRPK1) plays a central role in the regulatory network for splicing by controlling the intranuclear distribution of splicing factors in interphase cells and the re-organization of nuclear speckles during mitosis. During metaphase, SRPK1 hyperphosphorylates RS domain-containing proteins such as SFRS1 and SFRS2 on serine residues. SRPK1 also appears to mediate HBV core protein phosphorylation which is a prerequisite for pregenomic RNA encapsidation into viral capsids [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q96SB4].
Product Categories/Family for anti-SRPK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419936
NCBI GeneID	6732
NCBI Accession #	NP_003128.3
NCBI GenBank Nucleotide #	NM_003137.4
UniProt Accession #	Q96SB4 ; Q12890 ; Q5R364 ; Q5R365 ; Q8IY12
Molecular Weight	74,325 Da
NCBI Official Full Name	SRSF protein kinase 1
NCBI Official Synonym Full Names	SRSF protein kinase 1
NCBI Official Symbol	SRPK1
NCBI Official Synonym Symbols	SFRSK1
NCBI Protein Information	SRSF protein kinase 1; SFRS protein kinase 1; SR-protein-specific kinase 1; serine/threonine-protein kinase SRPK1; serine/arginine-rich splicing factor kinase 1
UniProt Protein Name	SRSF protein kinase 1
UniProt Gene Name	SRPK1
UniProt Synonym Gene Names	SR-protein-specific kinase 1
UniProt Entry Name	SRPK1_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/srpk1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211882>