

Mouse anti-Human SRPK1 Monoclonal Antibody | anti-SRPK1 antibody

Anti-SRPK1 Antibody, Mouse Monoclonal

CATALOG # AAA255551	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

SRPK1; Monoclonal Antibody; Anti-SRPK1 Antibody; Mouse Monoclonal; SRPK1 Antibody; Mouse MAb; SRSF protein kinase 1; Anti-RP3-422H11.1 Antibody; Anti-SFRSK1 Antibody; anti-SRPK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	08
Specificity	Human SRPK1
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SRPK1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human SRPK1 Protein
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human SRPK1 (rh SRPK1). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SRPK1 in human rectum with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human SRPK1 in human testis with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SRPK1 antibody	Serine/threonine-protein kinase SRPK1, also known as SFRS protein kinase 1, Serine/arginine-rich protein-specific kinase 1, SR-protein-specific kinase 1 and SRPK1, is a cytoplasm and nucleus protein that belongs to the protein kinase superfamily and CMGC Ser/Thr protein kinase family. Isoform 2 of SRPK1 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1 of SRPK1 is only seen in the testis, at lower levels than isoform 2. SRPK1 hyperphosphorylates RS domain-containing proteins such as SFRS1, SFRS2 and ZRSR2 on serine residues during metaphase but at lower levels during interphase. SRPK1 plays a central role in the regulatory network for splicing, controlling the intranuclear distribution of splicing factors in interphase cells and the reorganization of nuclear speckles during mitosis. SRPK1 locks onto SFRS1 to form a stable complex and processively phosphorylates the RS domain. SRPK1 appears to mediate HBV core protein phosphorylation which is a prerequisite for pregenomic RNA encapsidation into viral capsids.
References	Ngo J.C.K. et al., 2005, Mol. Cell 20:77-89. Krishnakumar, S. et al., 2008, Pediatr Blood Cancer 50 (2):402-6. Ma, C.T. et al., 2009, J Mol Biol 390 (4):618-34. Souki S.K. et al., 2009, J. Virol. 83:8970-8975. Choudhary C. et al., 2009, Science 325:834-840.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23468345
NCBI GeneID	6732
Molecular Weight	72,383 Da
NCBI Official Full Name	SFRS 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/srp1-antibody-clone-08-immunohistochemistry-elisa/255551>