

Datasheet for ABIN916431

anti-SRPK1 antibody (AA 551-655) (AbBy Fluor® 647)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SRPK1
Binding Specificity:	AA 551-655
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRPK1 antibody is conjugated to AbBy Fluor® 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SRPK1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SRPK1
Alternative Name:	SRPK1 (SRPK1 Products)
Background:	Synonyms: Serine/arginine rich protein specic kinase 1, Serine/arginine-rich protein-specic

Target Details

kinase 1, Serine/threonine protein kinase SRPK1, Serine/threonine-protein kinase SRPK1, SFRS protein kinase 1, SR protein kinase 1, SR protein specic kinase 1, SR-protein-specific kinase 1, SRPK1, SRPK1_HUMAN.

Background: 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. Hyperphosphorylates RS domain-containing proteins such as SFRS1, SFRS2 and ZRSR2 on serine residues during metaphase but at lower levels during interphase. Locks onto SFRS1 to form a stable complex and processively phosphorylates the RS domain. Appears to mediate HBV core protein phosphorylation which is a prerequisite for pregenomic RNA encapsidation into viral capsids.

Gene ID: 6732

Pathways: [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months