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Datasheet for ABIN7170679

anti-SRPK2 antibody (AA 471-688) (FITC)

Overview

Quantity:	100 µL
Target:	SRPK2
Binding Specificity:	AA 471-688
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRPK2 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human SRSF protein kinase 2 protein (471-688AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	SRPK2
Alternative Name:	SRPK2 (SRPK2 Products)
Background:	Background: Serine/arginine-rich protein-specific kinase which specifically phosphorylates its substrates at serine residues located in regions rich in arginine/serine dipeptides, known as RS

Target Details

domains and is involved in the phosphorylation of SR splicing factors and the regulation of splicing. Promotes neuronal apoptosis by up-regulating cyclin-D1 (CCND1) expression. This is done by the phosphorylation of SRSF2, leading to the suppression of p53/TP53 phosphorylation thereby relieving the repressive effect of p53/TP53 on cyclin-D1 (CCND1) expression. Phosphorylates ACIN1, and redistributes it from the nuclear speckles to the nucleoplasm, resulting in cyclin A1 but not cyclin A2 up-regulation. Plays an essential role in spliceosomal B complex formation via the phosphorylation of DDX23/PRP28. Can mediate hepatitis B virus (HBV) core protein phosphorylation. Plays a negative role in the regulation of HBV replication through a mechanism not involving the phosphorylation of the core protein but by reducing the packaging efficiency of the pregenomic RNA (pgRNA) without affecting the formation of the viral core particles.

Aliases: Human serine kinase SRPK2 mRNA, complete cds antibody, Serine kinase SRPK2 antibody, Serine/arginine rich protein specific kinase 2 antibody, Serine/arginine-rich protein-specific kinase 2 antibody, Serine/threonine protein kinase SRPK2 antibody, SFRS protein kinase 2 antibody, SFRSK2 antibody, SR protein specific kinase 2 antibody, SR-protein-specific kinase 2 antibody, SRPK2 antibody, SRPK2_HUMAN antibody, SRSF protein kinase 2 C-terminal antibody

UniProt: [P78362](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.