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Datasheet for ABIN7170680
anti-SRPK2 antibody (AA 471-688) (HRP)

Overview

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

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

Application Notes: Optimal working dilution should be determined by the investigator.

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

Handling

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