

## Rabbit anti-Human, Mouse SRPK2 Polyclonal Antibody | anti-SRPK2 antibody

SRPK2 Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176626</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

### PRODUCT SYNONYMS

SRPK2; Polyclonal Antibody; SRPK2 Polyclonal Antibody; Human serine kinase SRPK2 mRNA; complete cds; Serine kinase SRPK2; Serine/arginine rich protein specific kinase 2; Serine/arginine-rich protein-specific kinase 2; Serine/threonine protein kinase SRPK2; SFRS protein kinase 2; SFRSK2; SR protein specific kinase 2; SR-protein-specific kinase 2; SRSF protein kinase 2 C-terminal; anti-SRPK2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Host                                            | Rabbit                                                  |
| Reactivity                                      | Human, Mouse                                            |
| Clonality                                       | Polyclonal                                              |
| Isotype                                         | IgG                                                     |
| Purity/Purification                             | Antigen Affinity Purification                           |
| Form/Format                                     | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                   | 0.96mg/mL (varies by lot)                               |
| Sequence Length                                 | 688                                                     |
| Applicable Applications for anti-SRPK2 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                       | Fusion protein of human SRPK2                           |
| Conjugation                                     | Unconjugated                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using SRPK2 Polyclonal Antibody at dilution of 1:55(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using SRPK2 Polyclonal Antibody at dilution of 1:55(×200)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SRPK2 antibody | 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 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. |
| Product Categories/Family for anti-SRPK2 antibody   | Cancer; Cell Biology; Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 33188447                        |
| NCBI GeneID                      | 6733                            |
| NCBI Accession #                 | NP_872633; BC035214             |
| NCBI GenBank Nucleotide #        | NP_872633.1                     |
| UniProt Accession #              | P78362                          |
| NCBI Official Full Name          | SRSF protein kinase 2 isoform b |
| NCBI Official Synonym Full Names | SRSF protein kinase 2           |
| NCBI Official Symbol             | SRPK2                           |
| NCBI Official Synonym Symbols    | SFRSK2                          |
| NCBI Protein Information         | SRSF protein kinase 2           |
| UniProt Protein Name             | SRSF protein kinase 2           |
| UniProt Gene Name                | SRPK2                           |
| UniProt Synonym Gene Names       | SR-protein-specific kinase 2    |
| UniProt Entry Name               | SRPK2_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/srpk2-antibody-immunohistochemistry-elisa/176626>