

Product Name: KO-Validated SRPK2 Mouse Monoclonal Antibody**Catalog #: KVA00145**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC,IHC-P
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:200-1:1,000; FC 1:200-1:2,000; ICC 1:100-1:1,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 77.5kDa

Antigen Information

Gene Name	SRPK2
Alternative Names	SRPK2; SRSF Protein Kinase 2; SFRS Protein Kinase 2; SFRSK2; Serine/Arginine-Rich Protein-Specific Kinase 2; Serine/Arginine-Rich Splicing Factor Kinase 2; SR-Protein-Specific Kinase 2; SR Protein Kinase 2; EC 2.7.11.1; Serine/Threonine-Protein Kinase SRPK2; Serine Kinase SRPK2
Gene ID	6733.0
SwissProt ID	P78362
Immunogen	Recombinant protein of human SRPK2

Background

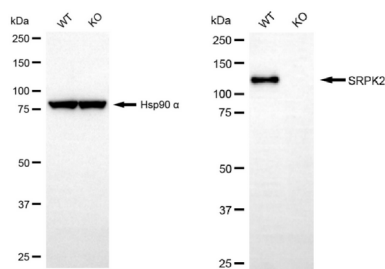
Enables ATP binding activity; magnesium ion binding activity; and protein serine/threonine kinase activity. Involved in several

processes, including R-loop processing; peptidyl-serine phosphorylation; and regulation of viral genome replication. Located in chromatin; cytosol; and nuclear lumen. [provided by Alliance of Genome Resources, Jul 2025]

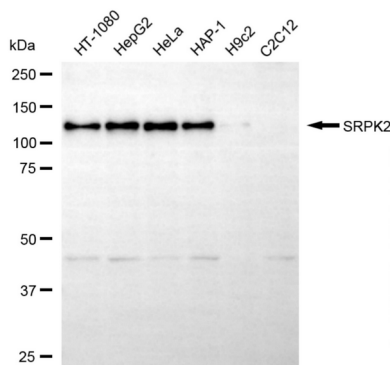
Research Area

Cell Biology, Epigenetics and Nuclear Signaling

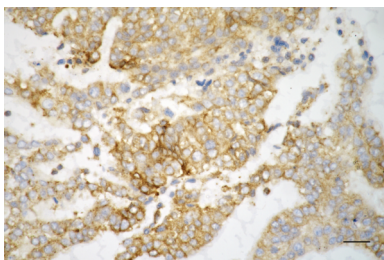
Image Data



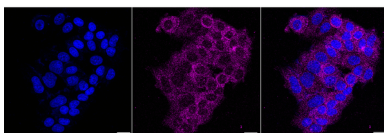
Western blotting analysis using SRPK2 antibody (KVA00145). SRPK2 expression in wild type (WT) and SRPK2 knockout (KO) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SRPK2 antibody (KVA00145, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



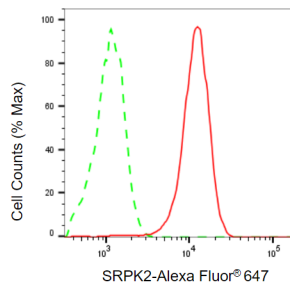
Western blotting analysis using SRPK2 antibody (KVA00145). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SRPK2 antibody (KVA00145, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded human endometrial carcinoma using SRPK2 antibody (KVA00145, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Immunocytochemical staining of HepG2 cells with SRPK2 antibody (KVA00145, 1:1,000). Nuclei were stained blue with DAPI; SRPK2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:Low. Scale bar, 20 µm.



Flow cytometric analysis of SRPK2 expression in HepG2 cells using SRPK2 antibody (KVA00145, 1:2,000). Green, isotype control; red, SRPK2.