



# Anti-SRPK1 (aa 371-470) polyclonal antibody (DPAB-DC2964)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a serine/arginine protein kinase specific for the SR (serine/arginine-rich domain) family of splicing factors. The protein localizes to the nucleus and the cytoplasm. It is thought to play a role in regulation of both constitutive and alternative splicing by regulating intracellular localization of splicing factors. Alternative splicing of this gene results in multiple transcript variants. Additional alternatively spliced transcript variants have been described for this gene, but their full length nature have not been determined.[provided by RefSeq, Jul 2010]
<b>Immunogen</b>	SRPK1 (AAH38292, 371 a.a. ~ 470 a.a) partial recombinant protein with GST tag. The sequence is NETLRHKEDLHNANDCDVQNLNQESSFLSSQNGDSSTSQETDSCPTITSEVSDTMVCQSS STVGQSFSEQHISQLQESIRAEIPCEDEQEHEHNGPLDNK
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SRPK1 SRSF protein kinase 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SRPK1
<b>Synonyms</b>	SRPK1; SRSF protein kinase 1; SFRSK1; SFRS protein kinase 1; SR-protein-specific kinase 1; serine/threonine-protein kinase SRPK1; serine/arginine-rich splicing factor kinase 1;
<b>Entrez Gene ID</b>	<a href="#">6732</a>
<b>Protein Refseq</b>	<a href="#">NP_003128</a>
<b>UniProt ID</b>	<a href="#">Q96SB4</a>
<b>Chromosome Location</b>	6p21.31
<b>Pathway</b>	Herpes simplex infection; mRNA processing;
<b>Function</b>	ATP binding; magnesium ion binding; poly(A) RNA binding; protein binding