SRPK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRPK3, Polyclonal Antibody
Full Product Name	SRPK3 Conjugated Antibody
Product Gene Name	anti-SRPK3 antibody
Product Synonym Names	MSSK1; STK23; MSSK-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total SRPK3 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	61,886 Da
3D Structure	ModBase 3D Structure for Q9UPE1
Immunogen	Fusion protein corresponding to residues near the C terminal of human SRSF protein kinase 3
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-SRPK3 antibody	Most Applications
Application Notes for anti-SRPK3 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-SRPK3 antibody	This gene encodes a protein kinase similar to a protein kinase which is specific for the SR (serine/arginine-rich domain) family of splicing factors. A highly similar protein has been shown to play a role in muscle development in mice. Multiple transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-SRPK3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SRPK3 purchase	MBS9449302 is an antibody targeting SRPK3. Also known as SRPK3 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SRPK3. It may not necessarily be applicable to this product.

NCBI GI #	109658465
NCBI GeneID	26576
NCBI Accession #	BC117124
UniProt Primary Accession #	Q9UPE1
UniProt Secondary Accession #	Q13583; Q4F970; Q562F5; Q9UM62
UniProt Related Accession #	Q9UPE1
NCBI Official Full Name	Homo sapiens SFRS protein kinase 3, mRNA
NCBI Official Synonym Full Names	SRSF protein kinase 3
NCBI Official Symbol	SRPK3
NCBI Official Synonym Symbols	MSSK1; STK23; MSSK-1
UniProt Protein Name	SRSF protein kinase 3
UniProt Synonym Protein Names	Muscle-specific serine kinase 1; MSSK-1; Serine/arginine-rich protein-specific kinase 3; SR-protein-specific kinase 3; Serine/threonine-protein kinase 23
Protein Family	SRSF protein kinase
UniProt Gene Name	SRPK3
UniProt Synonym Gene Names	MSSK1; STK23; MSSK-1; SR-protein-specific kinase 3
UniProt Entry Name	SRPK3_HUMAN
NCBI Protein Information	SRSF protein kinase 3
Research Articles on SRPK3	**1.** Alternative splicing of the alpha-exon of MEF2C regulates myogenesis. Loss of SRPK3 in rhabdomyosarcoma cells inhibits this splicing and blocks differentiation.
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