SRPK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRPK3, Polyclonal Antibody
Full Product Name	SRPK3 Antibody; Biotin conjugated
Product Gene Name	anti-SRPK3 antibody
Product Synonym Names	SRSF protein kinase 3; Muscle-specific serine kinase 1; MSSK-1; Serine/arginine-rich protein-specific kinase 3; SR-protein-specific kinase 3; Serine/threonine-protein kinase 23; SRPK3; MSSK1; STK23
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: SRPK3 (MBS7000380) Biotin Conjugated Antibody: SRPK3 (MBS7006411)
Molecular Weight	61,886 Da
3D Structure	ModBase 3D Structure for Q9UPE1
Immunogen	Recombinant human SRSF protein kinase 3 protein
Conjugation	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130269
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SRPK3 antibody	ELISA (EIA)
Related Product Information for anti-SRPK3 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. Phosphorylates the SR splicing factor SRSF1 and the lamin-B receptor (LBR) in vitro. Required for normal muscle development.
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	MBS7006411 is an antibody targeting SRPK3. Also known as SRPK3 Antibody; Biotin conjugated. 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 #	282847488

NCBI GeneID	26576
NCBI Accession #	NP_001164231.1
UniProt Primary Accession #	Q9UPE1
UniProt Secondary Accession #	Q13583; Q4F970; Q562F5; Q9UM62
UniProt Related Accession #	Q9UPE1
GenBank Nucleotide #	NM_001170760.1
NCBI Official Full Name	SRSF protein kinase 3 isoform 2
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
NCBI Summary for SRPK3	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. [provided by RefSeq, Dec 2009]
UniProt Comments for SRPK3	SRPK3: a CMGC protein kinase of the SRPK family. Exclusively expressed in skeletal and heart muscle. Two known splice variant isoforms. Protein type: Protein kinase, Ser/Thr (non-receptor); Protein kinase, CMGC; EC 2.7.11.1; Kinase, protein; CMGC group; SRPK family Chromosomal Location of Human Ortholog: Xq28 Molecular Function: ATP binding; protein binding; protein serine/threonine kinase activity Biological Process: cell differentiation; protein amino acid phosphorylation; skeletal muscle development
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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