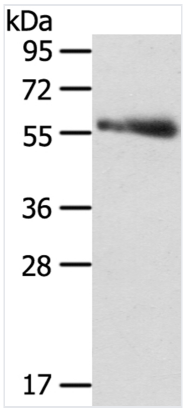
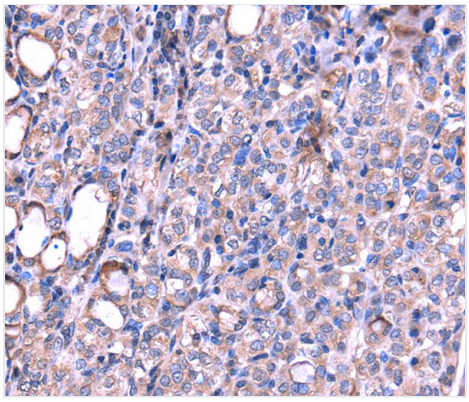
SRPK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRPK3, Polyclonal Antibody
Full Product Name	SRPK3 Antibody
Product Gene Name	anti-SRPK3 antibody
Product Synonym Names	MSSK1; STK23; MSSK-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Concentration	1.2 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total SRPK3 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	61,886 Da
3D Structure	ModBase 3D Structure for Q9UPE1
Immunogen Type	Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human SRSF protein kinase 3
Target Name	SRPK3
Product Categories/Family for anti-SRPK3 antibody	Total protein Ab
Applications Tested/Suitable for anti-SRPK3 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-SRPK3 antibody	Western blotting: 1:200-1:1000 Immunohistochemistry: 1:25-1:100
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	MBS9401408 is an antibody targeting SRPK3. Also known as SRPK3 Antibody. Reactive in Human. Host: Rabbit.



Testing Data of anti-SRPK3 antibody
Gel: 8%SDS-PAGE Lysate: 40ug Human thyroid cancer tissuePrimary antibody: 1/300 dilution Secondary antibody dilution: 1/8000Exposure time: 3 minutes



Immunohistochemistry (IHC) of anti-SRPK3 antibody
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.

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

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); Kinase, protein; Protein kinase, CMGC; EC 2.7.11.1; CMGC group; SRPK family Chromosomal Location of Human Ortholog: Xq28 Molecular Function: protein serine/threonine kinase activity; protein binding; ATP binding Biological Process: skeletal muscle development; cell differentiation; protein amino acid phosphorylation
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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