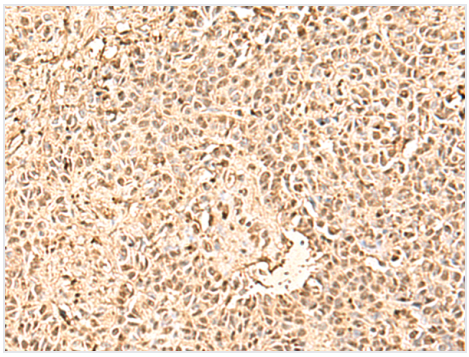
SMNDC1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SMNDC1, Polyclonal Antibody
Full Product Name	SMNDC1 Polyclonal Antibody
Product Gene Name	anti-SMNDC1 antibody
Product Synonym Names	30 kDa splicing factor SMNrp; MGC106917; MGC112663; SMN related protein; SMN-related protein; Smndc1; SMNR; SPF30; SPF30; Splicing factor 30, survival of motor neuron-related; Survival motor neuron domain containing 1; Survival motor neuron domain containing protein 1; Survival motor neuron domain-containing protein 1; Survival of motor neuron related splicing factor 30; Survival of motor neuron-related-splicing factor 30
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	0.84mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	603519
3D Structure	ModBase 3D Structure for O75940
Immunogen	Fusion protein of human SMNDC1
Conjugation	Unconjugated
Product Categories/Family for anti-SMNDC1 antibody	Cancer; Epigenetics and Nuclear Signaling; Metabolism
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SMNDC1 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-SMNDC1 antibody	IHC: 1:50-1:300 ELISA: 1:5000-1:10000
Related Product Information for anti-SMNDC1 antibody	This gene is a paralog of SMN1 gene, which encodes the survival motor neuron protein, mutations in which are cause of autosomal recessive proximal spinal muscular atrophy. The protein encoded by this gene is a nuclear protein that has been identified as a constituent of the spliceosome complex. This gene is differentially expressed, with abundant levels in skeletal muscle, and may share similar cellular function as the SMN1 gene.
Other Notes	Small volumes of anti-SMNDC1 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 SMNDC1 purchase	MBS2562767 is an antibody targeting SMNDC1. Also known as SMNDC1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunohistochemistry (IHC) of anti-SMNDC1 antibody
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using SMNDC1 Polyclonal Antibody at dilution of 1:50(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SMNDC1. It may not necessarily be applicable to this product.

NCBI GI #	37087924
NCBI GeneID	10285
NCBI Accession #	O75940.1
NCBI Related Accession #	BC011234
UniProt Primary Accession #	O75940
NCBI Official Full Name	Survival of motor neuron-related-splicing factor 30
UniProt Protein Name	Survival of motor neuron-related-splicing factor 30
UniProt Synonym Protein Names	30 kDa splicing factor SMNrp; SMN-related protein; Survival motor neuron domain-containing protein 1
Protein Family	Survival of motor neuron-related-splicing factor
UniProt Gene Name	SMNDC1
UniProt Synonym Gene Names	SMNR; SPF30
UniProt Entry Name	SPF30_HUMAN
UniProt Comments for SMNDC1	SPF30: Necessary for spliceosome assembly. Overexpression causes apoptosis. Belongs to the SMN family. Protein type: Spliceosome; RNA processing; RNA splicing; RNA-binding Chromosomal Location of Human Ortholog: 10q23 Cellular Component: nucleoplasm; spliceosome; Cajal body; intermediate filament cytoskeleton; cytoplasm; nuclear speck; nucleus Molecular Function: protein binding Biological Process: RNA splicing, via transesterification reactions; apoptosis; RNA splicing; spliceosome assembly; mRNA processing
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