

Rabbit SMNDC1 Polyclonal Antibody | anti-SMNDC1 antibody

SMNDC1 Antibody

CATALOG # AAA167764	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SMNDC1; Polyclonal Antibody; SMNDC1 Antibody; SMNR; SPF30; anti-SMNDC1 antibody

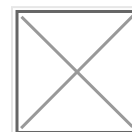
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	238
Applicable Applications for anti-SMNDC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SMNDC1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-66645 / sc-66647
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



Application Data



WB (Western Blot)

Western blot analysis of 721-B cell lysate using SMNDC1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SMNDC1 antibody

SPF30 (survival of motor neuron-related-splicing factor 30), also known as SMNDC1 (survival motor neuron domain containing 1) or SMNR (SMN-related protein), is an essential splicing factor required for spliceosome assembly that belongs to the SMN family. It contains one Tudor domain with significant similarity to SMN (Survival Motor Neuron) and is expressed in skeletal muscle, pancreas and heart, localizing to Cajal bodies and nuclear speckles. SPF30 plays an important role in spliceosome assembly and directly interacts with five U snRNPs. The loss of SPF30 causes spliceosome assembly to arrest at prespliceosomes (A complex). This supports a function for SPF30 in mediating the incorporation/recruitment of U4/U5/U6 tri-snRNP to the prespliceosome. In addition, the overexpression of SPF30 can lead to apoptosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37087924
NCBI GeneID	10285
Molecular Weight	26,711 Da
NCBI Official Full Name	Survival of motor neuron-related-splicing factor 30
NCBI Official Synonym Full Names	survival motor neuron domain containing 1
NCBI Official Symbol	SMNDC1
NCBI Official Synonym Symbols	SMNR; SPF30; TDRD16C
NCBI Protein Information	survival of motor neuron-related-splicing factor 30; 30 kDa splicing factor SMNrp; SMN-related protein; splicing factor 30, survival of motor neuron-related; survival motor neuron domain-containing protein 1; tudor domain containing 16C
UniProt Protein Name	Survival of motor neuron-related-splicing factor 30
UniProt Gene Name	SMNDC1
UniProt Synonym Gene Names	SMNR; SPF30
UniProt Entry Name	SPF30_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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