

Rabbit SMNDC1 Polyclonal Antibody | anti-SMNDC1 antibody

SMNDC1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290175	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

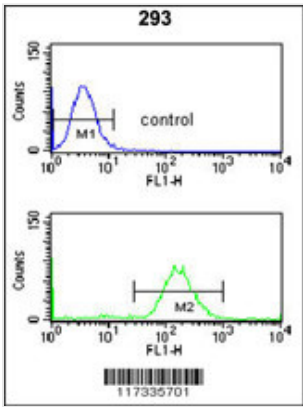
PRODUCT SYNONYMS

SMNDC1; Polyclonal Antibody; SMNDC1 Antibody (N-term); Survival of motor neuron-related-splicing factor 30; 30 kDa splicing factor SMNrp; SMN-related protein; Survival motor neuron domain-containing protein 1; SMNR; SPF30; anti-SMNDC1 antibody

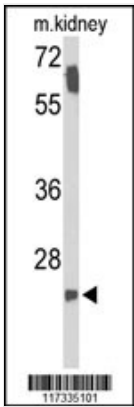
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SMNDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-41 amino acids from the N-terminal region of human SMNDC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	11-41
Sequence Length	238
Applicable Applications for anti-SMNDC1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
SMNDC1 Antibody (N-term) flow cytometry analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of SMNDC1 Antibody (N-term) in mouse kidney tissue lysates (35ug/lane). SMNDC1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SMNDC1 antibody	This protein 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 protein is differentially expressed, with abundant levels in skeletal muscle, and may share similar cellular function as the SMN1 gene.
Product Categories/Family for anti-SMNDC1 antibody	Metabolism
References	Little,J.T. J. Biol. Chem. 283 (13), 8145-8152 (2008) Ewing,R.M., Mol. Syst. Biol. 3, 89 (2007) Beausoleil,S.A., Nat. Biotechnol. 24 (10), 1285-1292 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032113
NCBI GeneID	10285
NCBI Accession #	NP_005862.1
NCBI GenBank Nucleotide #	NM_005871.3
UniProt Accession #	O75940; Q5T3K6; B2RA27; D3DRB1
Molecular Weight	26711
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
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smndc1-antibody-flow-cytometry-western-blot-elisa/290175>