

Rabbit SMNDC1 Polyclonal Antibody | anti-SMNDC1 antibody

SMNDC1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198715	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

SMNDC1; Polyclonal Antibody; SMNDC1 antibody - middle region; anti-SMNDC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QF NNRAYSKNKK GQVKRSIFAS PESVTGKVG GTCGIADKPM TQYQDTSK
Sequence Length	238
Applicable Applications for anti-SMNDC1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SMNDC1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SMNDC1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Lung



IHC (Immunohistochemistry)

Rabbit Anti-SMNDC1 antibody
Paraffin Embedded Tissue: Human Lung cell
Cellular Data: alveolar cell of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-SMNDC1 antibody	This is a rabbit polyclonal antibody against SMNDC1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. SMNDC1 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. 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.
Product Categories/Family for anti-SMNDC1 antibody	Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032113
NCBI GeneID	10285
NCBI Accession #	NP_005862
NCBI GenBank Nucleotide #	NM_005871
UniProt Accession #	O75940
Molecular Weight	27kDa
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.