

Rabbit anti-Human, Pig Survival Of Motor Neuron 1 Polyclonal Antibody | anti-SMN1 antibody

Polyclonal Antibody to Survival Of Motor Neuron 1, Telomeric (SMN1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142323	Rabbit	Human, Pig	Immunofluorescence, Immunocytochemistry, Western Blot

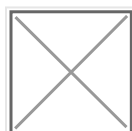
PRODUCT SYNONYMS

Survival Of Motor Neuron 1; Polyclonal Antibody; Polyclonal Antibody to Survival Of Motor Neuron 1; Telomeric (SMN1); anti-SMN1 antibody

PRODUCT SPECIFICATIONS

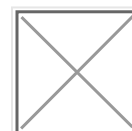
Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.5mg/mL (varies by lot)
Applicable Applications for anti-SMN1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Source	Polyclonal antibody preparation
Traits	Liquid
Cross Reactivity	Porcine
Immunogen	Recombinant SMN (Ala2~Asn294) expressed in E.coli .
Preparation and Storage	<p>Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months.</p> <p>Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p>

IMAGES



IF (Immunofluorescence)

FITC staining on IHC-P; Samples: Human Hela Cells



WB (Western Blot)

Western Blot; Samples: Lane 1: 293T cell lysate; Lane 2: Hela cell lysate; Lane 3: HepG2 cell lysate; Primary Ab: 0.2ug/ml Rabbit Anti-Human SMN Antibody; Second Ab: 0.2ug/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**WB (Western Blot)**

Knockout Verification: Lane 1: Wild-type Hela cell lysate; Lane 2: SMN1 knockout Hela cell lysate; Predicted MW: 31, 30, 28, 27kd Observed MW: 30kd Primary Ab: 3ug/ml Rabbit Anti-Human SMN1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**WB (Western Blot)**

Western Blot: Sample: Recombinant SMN1, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMN1 antibody

Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507091
NCBI GeneID	6606
NCBI Accession #	NP_000335.1
NCBI GenBank Nucleotide #	NM_000344.3
UniProt Accession #	Q16637; Q13119; Q549U5; Q96J51; A8K0V4
NCBI Official Full Name	survival motor neuron protein isoform d
NCBI Official Synonym Full Names	survival of motor neuron 1, telomeric
NCBI Official Symbol	SMN1
NCBI Official Synonym Symbols	SMA; SMN; SMA1; SMA2; SMA3; SMA4; SMA@; SMNT; BCD541; GEMIN1; TDRD16A; T-BCD541
NCBI Protein Information	survival motor neuron protein
UniProt Protein Name	Survival motor neuron protein
UniProt Gene Name	SMN1
UniProt Synonym Gene Names	SMN; SMNT

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/survival-of-motor-neuron-1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/142323>