

Product Datasheet

SMN Antibody NB100-57859

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-57859

SMN Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA

Product Description	
Host	Goat
Gene ID	6606
Gene Symbol	SMN1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise isoforms b and d of SMN1 (NP_075012.1 and NP_000335.1) and all reported isoforms of SMN2 (NP_075013.1, NP_075014.1, NP_075015.1 and NP_059107.1).
Immunogen	Peptide with sequence C-DESENSRSPGNKSDN corresponding to internal region according to NP_075012.1, NP_000335.1, NP_075013.1, NP_075014.1, NP_075015.1, NP_059107.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 26 kDa band observed in human brain (cerebellum) lysates (calculated MW of 28.5 kDa band according to NP_075012.1 and NP_075014.1).

Publications

Setola V, Terao M, Locatelli D et al. Axonal-SMN (a-SMN), a protein isoform of the survival motor neuron gene, is specifically involved in axonogenesis. Proc Natl Acad Sci U S A 2007-02-06 [PMID: 17261814]

Kobayashi DT, Olson RJ, Sly L et al. Utility of survival motor neuron ELISA for spinal muscular atrophy clinical and preclinical analyses. PLoS ONE. 2011-01-01 [PMID: 21904622]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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