

# Product Datasheet

## SRGN Antibody - BSA Free

### NBP1-80886

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 4

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**NBP1-80886**

SRGN Antibody - BSA Free

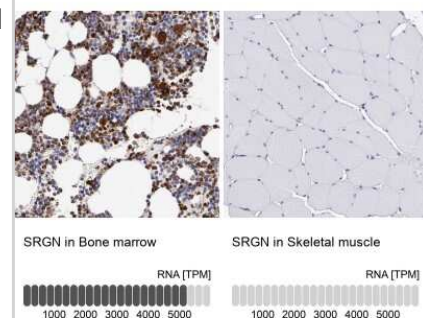
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5552
Gene Symbol	SRGN
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MQKLLKCSRLVLALALILVLESSVQGYPTRRARYQWVRCNPDSNSANCLEEKG PMFELLPGESNKIPRLRDLFPKTRIQDLNRIFPLSEDYSGSGFGSGSGSGSGS GSGFLTEMEQDYQLVDE

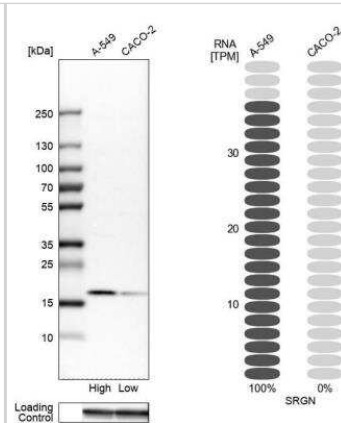
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Flow Cytometry Reported in scientific literature (PMID: 24403068), Immunohistochemistry 1:1000 - 1:2500, Immunoprecipitation Reported in scientific literature (PMID: 26694746), Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

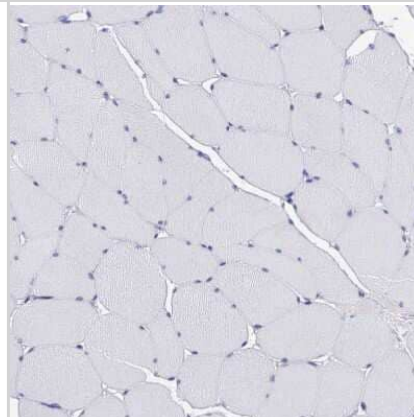
Immunohistochemistry-Paraffin: SRGN Antibody [NBP1-80886] - Analysis in human bone marrow and skeletal muscle tissues using NBP1-80886 antibody. Corresponding SRGN RNA-seq data are presented for the same tissues.



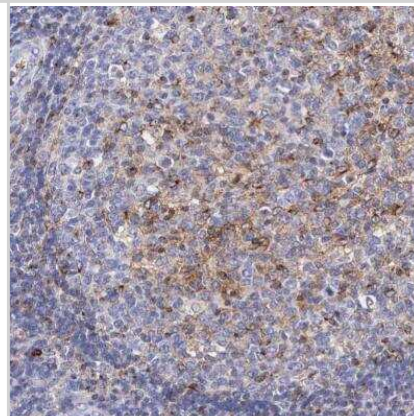
Western Blot: SRGN Antibody [NBP1-80886] - Analysis in human cell lines A-549 and Caco-2. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



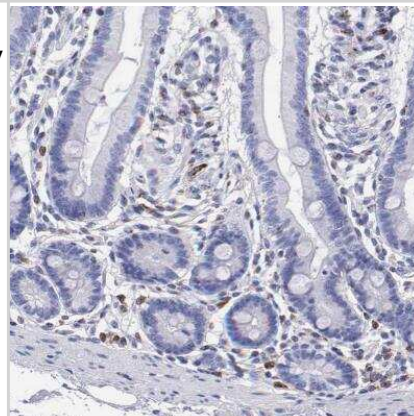
Immunohistochemistry-Paraffin: SRGN Antibody [NBP1-80886] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



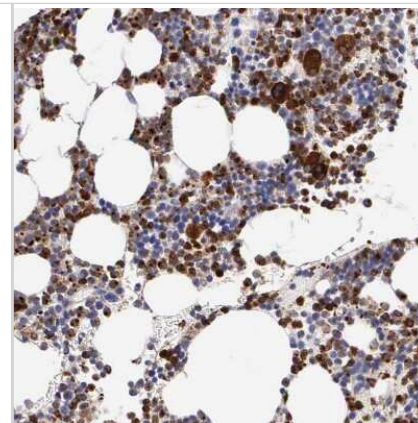
Immunohistochemistry-Paraffin: SRGN Antibody [NBP1-80886] - Staining of human tonsil shows moderate cytoplasmic positivity in germinal center cells.



Immunohistochemistry-Paraffin: SRGN Antibody [NBP1-80886] - Staining of human gastrointestinal shows moderate cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: SRGN Antibody [NBP1-80886] - Staining of human bone marrow shows strong cytoplasmic positivity in hematopoietic cells.



## Publications

Reine TM, Vuong TT, Rutkovskiy A et al. Serglycin in Quiescent and Proliferating Primary Endothelial Cells. PLoS One 2015-01-01 [PMID: 26694746] (IP, Human)

Purushothaman A, Toole BP, et al. Serglycin Proteoglycan Is Required for Multiple Myeloma Cell Adhesion, in Vivo Growth, and Vascularization. J Biol Chem 2014-02-28 [PMID: 24403068] (WB, FLOW, Human)

Chang MY, Chan CK, Braun KR et al. Monocyte-to-macrophage differentiation: synthesis and secretion of a complex extracellular matrix. J Biol Chem 2012-04-01 [PMID: 22351750]

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. Mol Cell Proteomics 2006-06-01 [PMID: 16524965]



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### **Products Related to NBP1-80886**

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NBP1-80886PEP	SRGN Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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