

# Product Datasheet

## S100A1 Antibody - BSA Free NBP1-87103

Unit Size: 0.1 ml

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

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### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-87103**

S100A1 Antibody - BSA Free

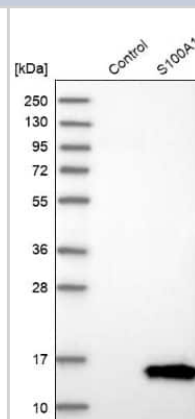
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit S100A1 Antibody - BSA Free (NBP1-87103) is a polyclonal antibody validated for use in IHC and WB. Anti-S100A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6271
<b>Gene Symbol</b>	S100A1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 26259611).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GSELETAMETLINVFHAHSGKEGDKYKLSKKELKELLQTELSGFLDAQKDVEDAV DKVMKELDENGDFQYVVLVAALTVACNNFFWENS

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

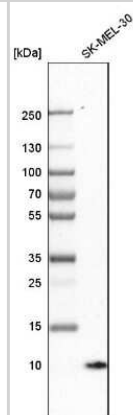
Western Blot: S100A1 Antibody [NBP1-87103] - Analysis in control (vector only transfected HEK293T lysate) and S100A1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



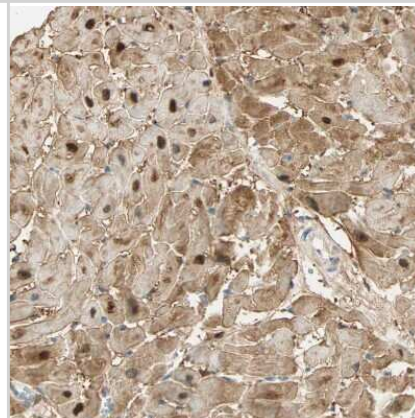
Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



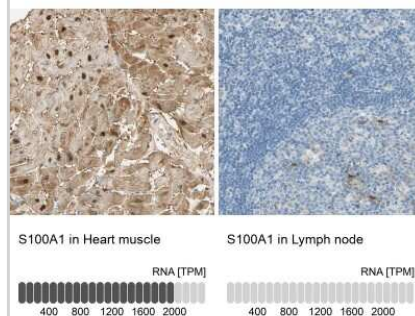
Western Blot: S100A1 Antibody [NBP1-87103] - Analysis in human cell line SK-MEL-30.



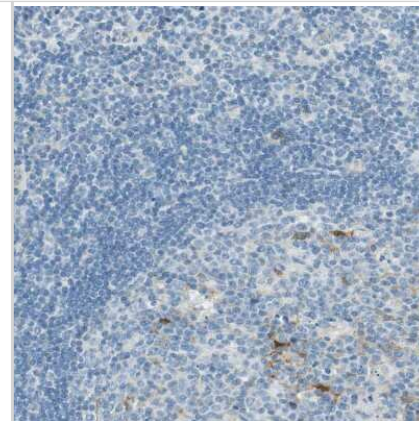
Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining of human heart muscle shows moderate to strong nuclear positivity in cardiomyocytes.



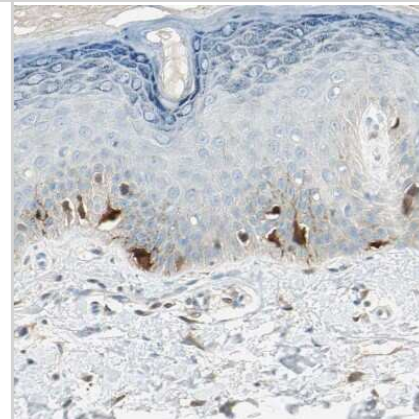
Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining in human heart muscle and lymph node tissues.. Corresponding S100A1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining of human lymph node shows no positivity in non - germinal center cells as expected.



Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining of human skin shows moderate to strong cytoplasmic positivity in melanocytes.



## Publications

Peluffo H, Solari-Saquieres P, Negro-Demontel ML et al. CD300f immunoreceptor contributes to peripheral nerve regeneration by the modulation of macrophage inflammatory phenotype. J Neuroinflammation 2015-08-12 [PMID: 26259611] (IF/IHC, Mouse)



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### **Products Related to NBP1-87103**

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NBP1-87103PEP	S100A1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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