

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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NBP1-87103

S100A1 Antibody - BSA Free

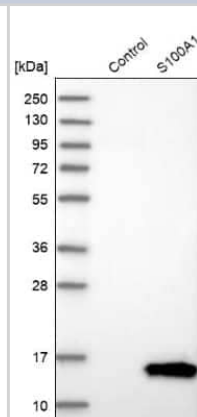
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	6271
Gene Symbol	S100A1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26259611).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GSELETAMETLINVFHAHSGKEGDKYKLSKKEKELLQTELSGFLDAQKDVEDAV DKVMKELDENGEGEVDVFQYVVLVAALTVACNFFWENS

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

Images

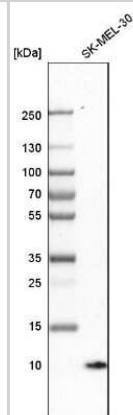
Western Blot: S100A1 Antibody [NBP1-87103] - Analysis in control (vector only transfected HEK293T lysate) and S100A1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



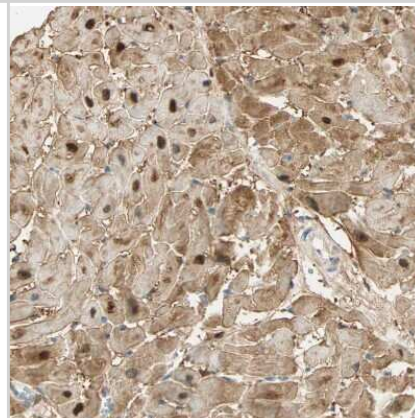
Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



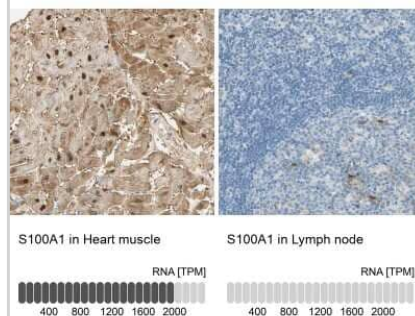
Western Blot: S100A1 Antibody [NBP1-87103] - Analysis in human cell line SK-MEL-30.



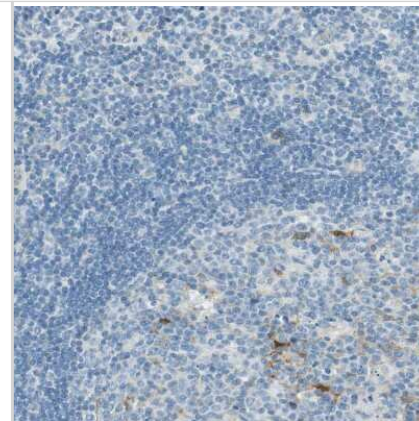
Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining of human heart muscle shows moderate to strong nuclear positivity in cardiomyocytes.



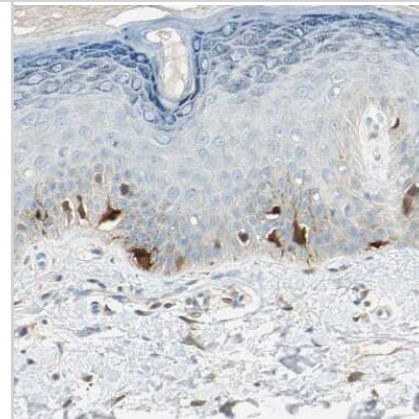
Immunohistochemistry-Paraffin: S100A1 Antibody [NBP1-87103] - Staining in human heart muscle and lymph node tissues.. Corresponding S100A1 RNA-seq data are presented for the same tissues.



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

NBP1-87103PEP	S100A1 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

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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