

Product Datasheet

S100A4 Antibody - BSA Free NBP1-89402

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: 5

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NBP1-89402

S100A4 Antibody - BSA Free

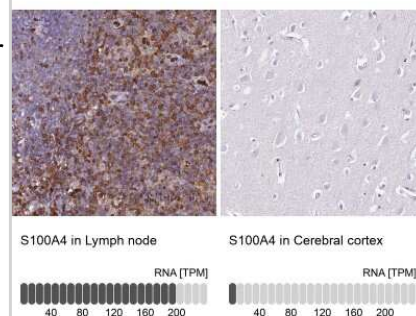
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	12 kDa

Product Description	
Host	Rabbit
Gene ID	6275
Gene Symbol	S100A4
Species	Human, Mouse, Rat, Porcine
Reactivity Notes	Porcine reactivity reported in the scientific literature (PMID: 26379359).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MACPLEKALDVMVSTFHKYSGKEGDKFKLNKSELKELLTRELPSFLGKRTDEA AFQKLMSNLDSNRDNEVDFQEYCVFLSCIAMMCNEFFEGFPDKQPRKK

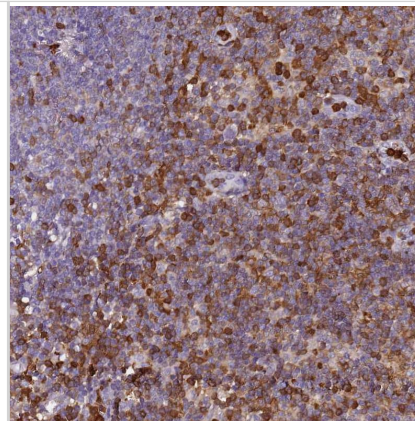
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 26056290), Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

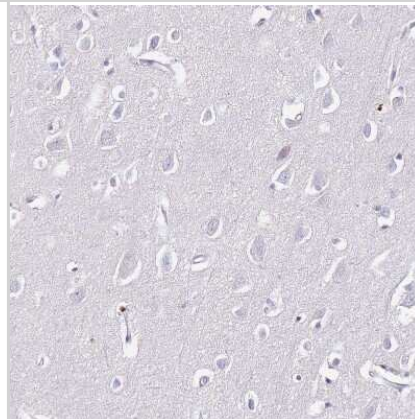
Immunohistochemistry-Paraffin: S100A4 Antibody [NBP1-89402] - Analysis in human lymph node and cerebral cortex tissues using NBP1-89402 antibody. Corresponding S100A4 RNA-seq data are presented for the same tissues.



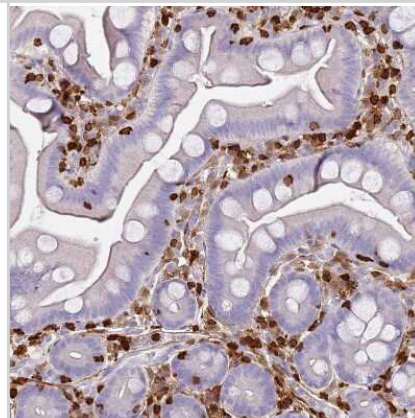
Staining of human lymph node shows strong cytoplasmic positivity in non-germinal center cells.



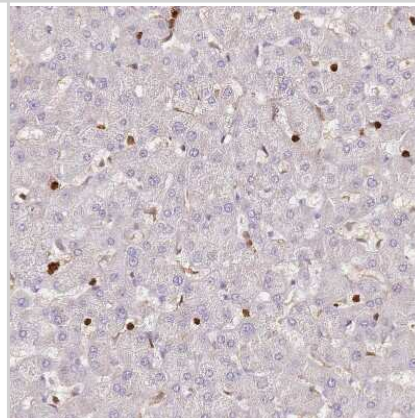
Immunohistochemistry-Paraffin: S100A4 Antibody [NBP1-89402] - Staining of human cerebral cortex shows no positivity in neurons as expected.



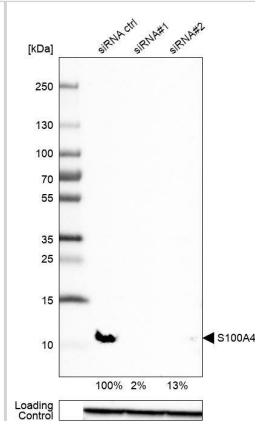
Immunohistochemistry-Paraffin: S100A4 Antibody [NBP1-89402] - Staining of human small intestine shows strong cytoplasmic positivity in lymphoid cells.



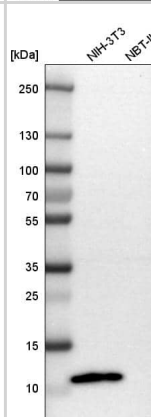
Immunohistochemistry-Paraffin: S100A4 Antibody [NBP1-89402] - Staining of human liver shows no positivity in hepatocytes as expected.



Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-S100A4 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Thangadurai M, Sethuraman S, Subramanian A A 2D inflammatory co-culture model for investigating synovial fibroblast and macrophage interactions in rheumatoid arthritis *Scientific Reports* 2025-08-17 [PMID: 40820240]

Ardalani H, Sengupta S, Harms V et al. 3-D Culture and Endothelial Cells Improve Maturity of Human Pluripotent Stem Cell-Derived Hepatocytes *Acta Biomater* 2019-07-27 [PMID: 31362140] (ICC/IF, Human)

Rocchiccioli Silvia, Cecchetti Antonella, Ucciferri Nadia et al. Site-Specific Secretome Map Evidences VSMC-Related Markers of Coronary Atherosclerosis Grade and Extent in the Hypercholesterolemic Swine. *Dis Markers* 2015-01-01 [PMID: 26379359] (IF/IHC, Porcine)

den Boon JA, Pyeon D, Wang SS et al. Molecular transitions from papillomavirus infection to cervical precancer and cancer: Role of stromal estrogen receptor signaling. *Proc Natl Acad Sci U S A* 2015-06-23 [PMID: 26056290] (IF/IHC, ICC/IF, Human)

Lague MN, Detmar J, Paquet M et al. Decidual PTEN expression is required for trophoblast invasion in the mouse. *Am J Physiol Endocrinol Metab* 2010-12-01 [PMID: 20858757]



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Products Related to NBP1-89402

NBP1-89402PEP	S100A4 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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