

Product Datasheet

S100 calcium binding protein A14 Antibody - BSA Free NBP1-90000

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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NBP1-90000

S100 calcium binding protein A14 Antibody - BSA Free

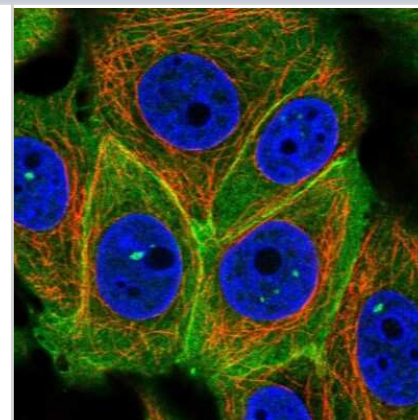
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit S100 calcium binding protein A14 Antibody - BSA Free (NBP1-90000) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-S100 calcium binding protein A14 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57402
Gene Symbol	S100A14
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GQCRSANAEDAQEFSDVERAIETLIKNFHQYSVEGGKETLTPSELRLDLVTQQLP HLMPSNCGLEEKIANLNGSCNDSKLEFRSFWELIGEA

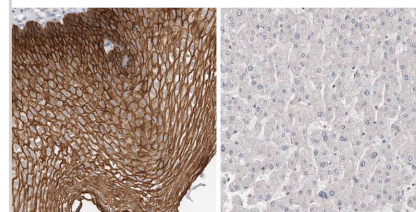
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Immunocytochemistry/Immunofluorescence: S100 calcium binding protein A14 Antibody [NBP1-90000] - Staining of human cell line MCF7 shows localization to nuclear bodies, plasma membrane, cytosol & cell junctions. Antibody staining is shown in green.

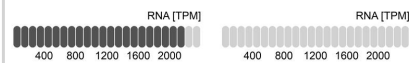


Analysis in human esophagus and liver tissues using NBP1-90000 antibody. Corresponding S100A14 RNA-seq data are presented for the same tissues.

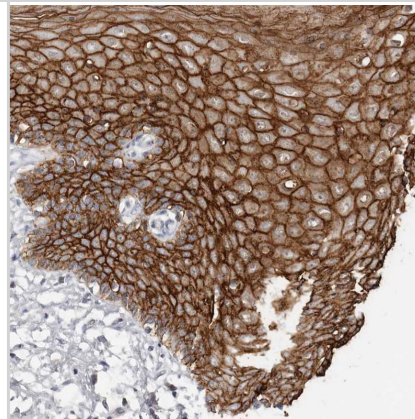


S100A14 in Esophagus

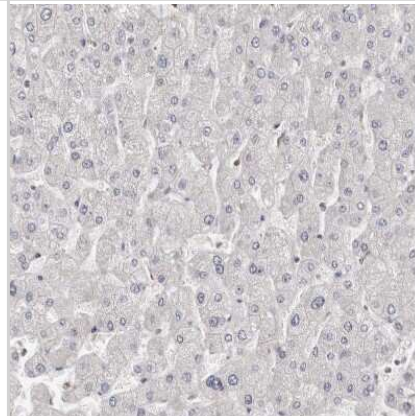
S100A14 in Liver



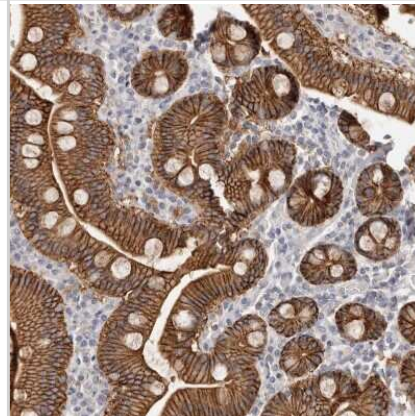
Staining of human skin shows strong membranous positivity in squamous epithelial cells.



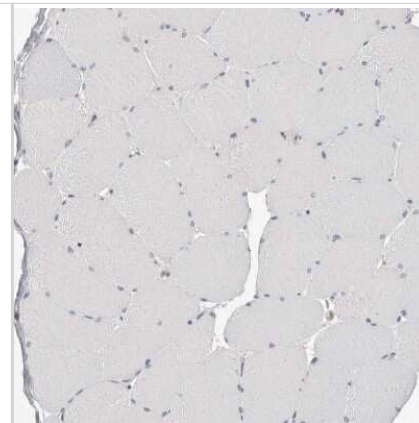
Immunohistochemistry-Paraffin: S100 calcium binding protein A14 Antibody [NBP1-90000] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: S100 calcium binding protein A14 Antibody [NBP1-90000] - Staining of human duodenum shows moderate membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: S100 calcium binding protein A14 Antibody [NBP1-90000] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Diamantopoulou A, Mantas D, Kostakis ID A Clinicopathological Analysis of S100A14 Expression in Colorectal Cancer In Vivo 2020-10-16 [PMID: 31882495] (IF/IHC, Human)



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Products Related to NBP1-90000

NBP1-90000PEP	S100 calcium binding protein A14 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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