

Product Datasheet

S100A16 Antibody - BSA Free NBP1-92361

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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NBP1-92361

S100A16 Antibody - BSA Free

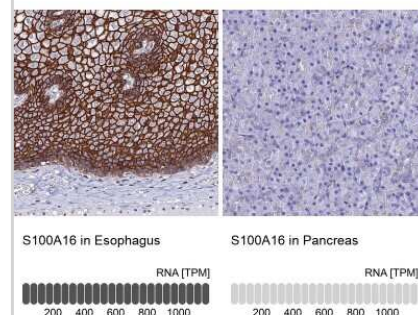
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit S100A16 Antibody - BSA Free (NBP1-92361) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	140576
Gene Symbol	S100A16
Species	Human
Reactivity Notes	Mouse (85%), Rat (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VIVLVENFYKYVSKYSLVKNKISKSSFREMLQKELNHMLSDTGNRKAADKLIQNL DANHDGRISFDEYWTLIGGITGPIAKLIHEQEQ

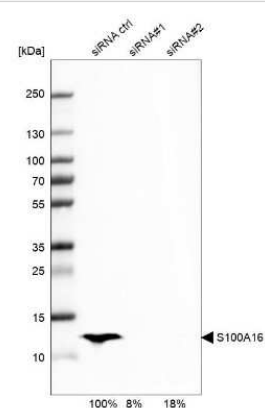
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

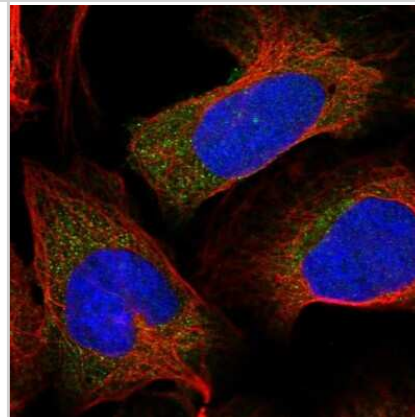
Immunohistochemistry-Paraffin: S100A16 Antibody [NBP1-92361] - Staining in human esophagus and pancreas tissues. Corresponding S100A16 RNA-seq data are presented for the same tissues.



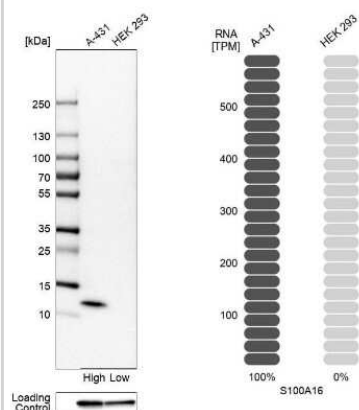
Western Blot: S100A16 Antibody [NBP1-92361] - Analysis in SK-BR-3 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-S100A16 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



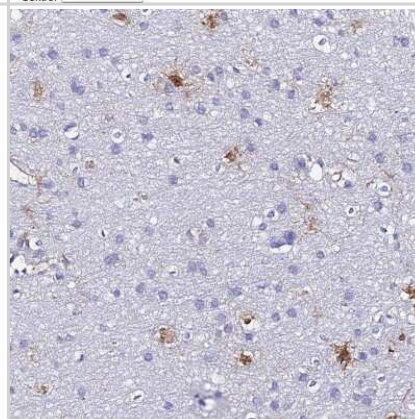
Immunocytochemistry/Immunofluorescence: S100A16 Antibody [NBP1-92361] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



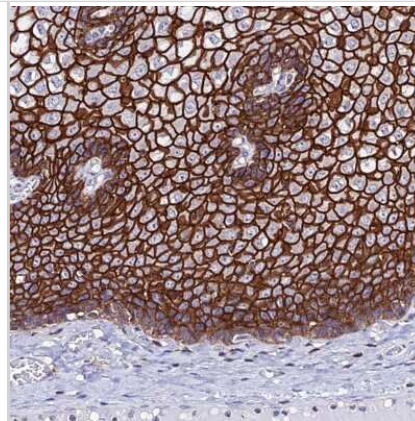
Western Blot: S100A16 Antibody [NBP1-92361] - Analysis in human cell lines A-431 and HEK293 using Anti-S100A16 antibody. Corresponding S100A16 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



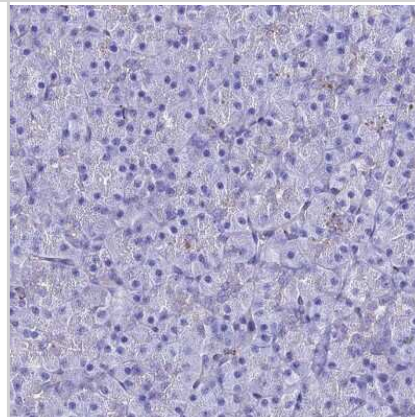
Immunohistochemistry-Paraffin: S100A16 Antibody [NBP1-92361] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in a subset of glial cells.



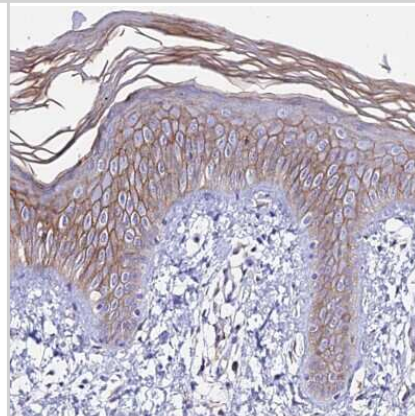
Immunohistochemistry-Paraffin: S100A16 Antibody [NBP1-92361] - Staining of human esophagus shows strong membranous positivity in squamous epithelial cells.



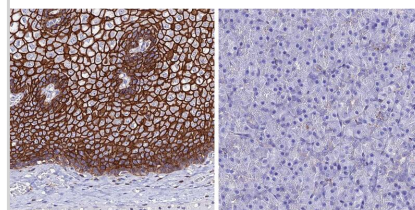
Immunohistochemistry-Paraffin: S100A16 Antibody [NBP1-92361] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: S100A16 Antibody [NBP1-92361] - Staining of human skin shows moderate membranous positivity in squamous epithelial cells.

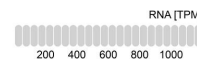
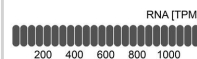


Analysis in human esophagus and pancreas tissues using NBP1-92361 antibody. Corresponding S100A16 RNA-seq data are presented for the same tissues.

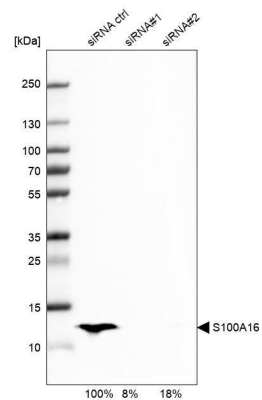


S100A16 in Esophagus

S100A16 in Pancreas



Analysis in SK-BR-3 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented.
Loading control: Anti-GAPDH.





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Products Related to NBP1-92361

NBP1-92361PEP	S100A16 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

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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