

Product Datasheet

S100A9 Antibody - BSA Free NBP1-89360

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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NBP1-89360

S100A9 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

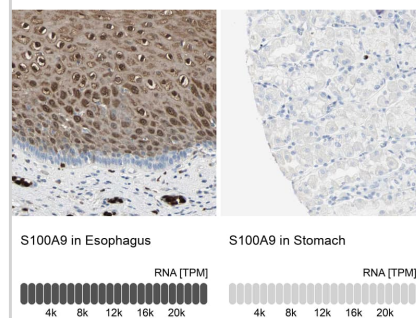
Product Description	
Description	Novus Biologicals Rabbit S100A9 Antibody - BSA Free (NBP1-89360) is a polyclonal antibody validated for use in IHC, WB and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6280
Gene Symbol	S100A9
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKNKNE KVIEHIMEDLDTNADKQLSFEEFIMLMARLTWASHEKMHEGDEG

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in h. Tonsil, separated by Size, antibody dilution of 1:20, apparent MW was 19 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

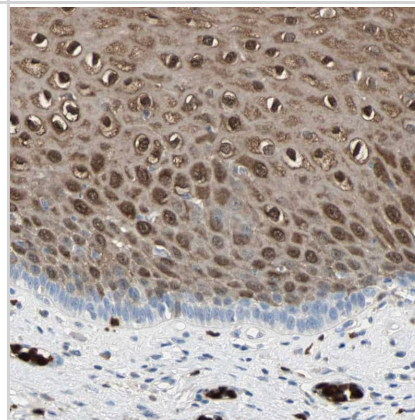


Images

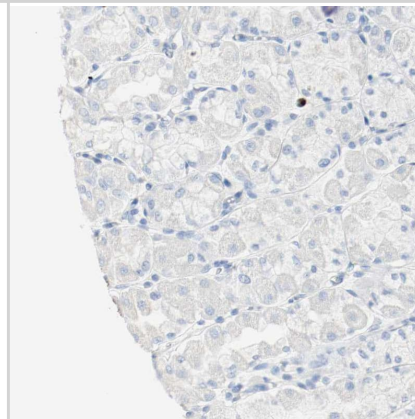
Analysis in human esophagus and stomach tissues using NBP1-89360 antibody. Corresponding S100A9 RNA-seq data are presented for the same tissues.



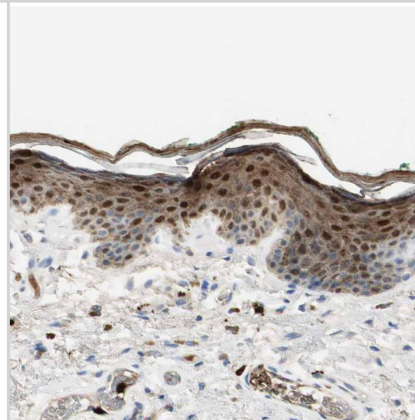
Staining of human esophagus shows moderate to strong cytoplasmic and nuclear positivity in squamous epithelial cells.



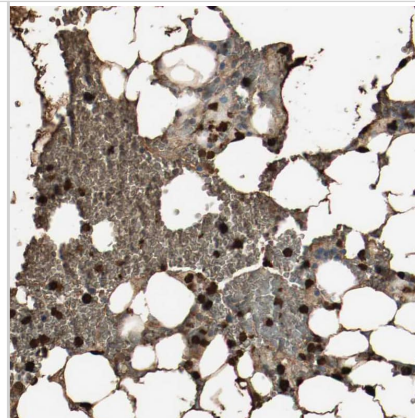
Staining of human stomach shows no positivity in glandular cells as expected.



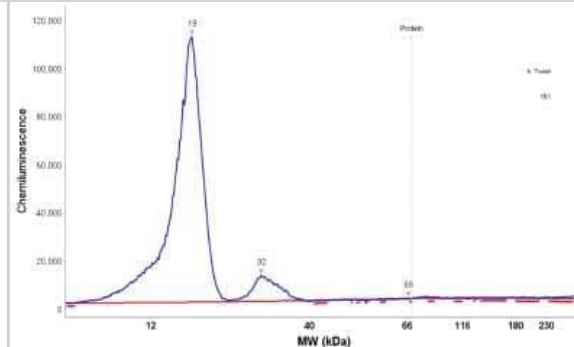
Staining of human skin shows moderate to strong cytoplasmic and nuclear positivity in squamous epithelial cells.



Staining of human bone marrow shows strong cytoplasmic positivity in a subset of hematopoietic cells.



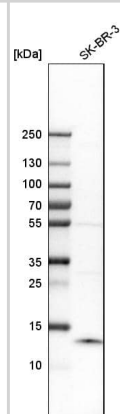
Simple Western: S100A9 Antibody [NBP1-89360] - Electropherogram image(s) of corresponding Simple Western lane view. S100A9 antibody was used at 1:20 dilution on h. Tonsil lysate(s).



Simple Western: S100A9 Antibody [NBP1-89360] - Simple Western lane view shows a specific band for S100A9 in 0.2 mg/ml of h. Tonsil lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Analysis in human cell line SK-BR-3.





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Products Related to NBP1-89360

NBP1-89360PEP	S100A9 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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