

# Product Datasheet

## S100A9 Antibody 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

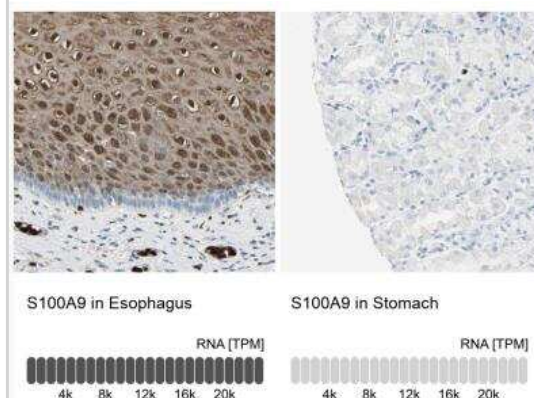
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	6280
Gene Symbol	S100A9
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKNKNE KVIEHIMEDLDTNADKQLSFEFIMLMARLTWASHEKMHEGDEG

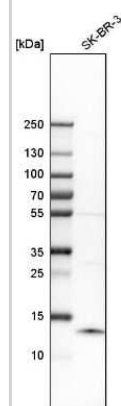
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.

**Images**

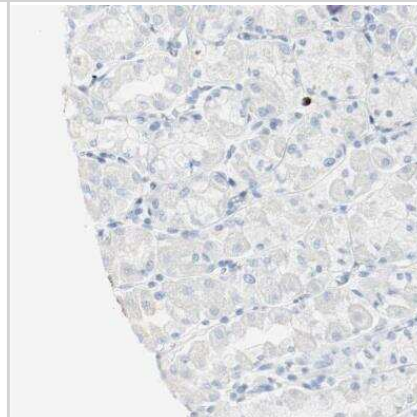
Immunohistochemistry-Paraffin: S100A9 Antibody [NBP1-89360] - Analysis in human esophagus and stomach tissues. Corresponding S100A9 RNA-seq data are presented for the same tissues.



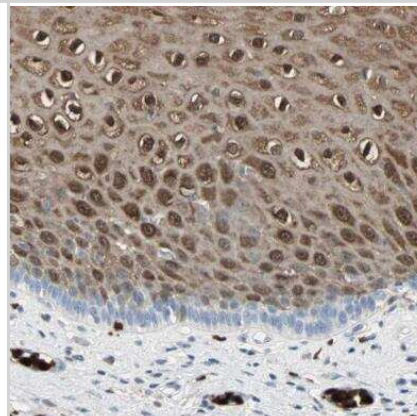
Western Blot: S100A9 Antibody [NBP1-89360] - Analysis in human cell line SK-BR-3.



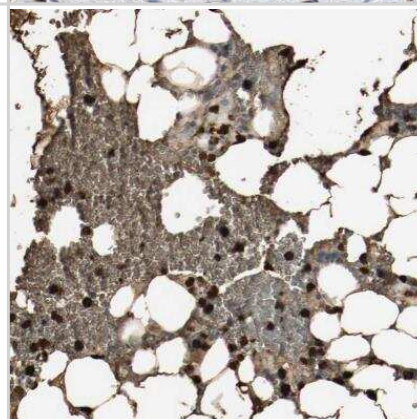
Immunohistochemistry-Paraffin: S100A9 Antibody [NBP1-89360] - Staining of human stomach shows no positivity in glandular cells as expected.



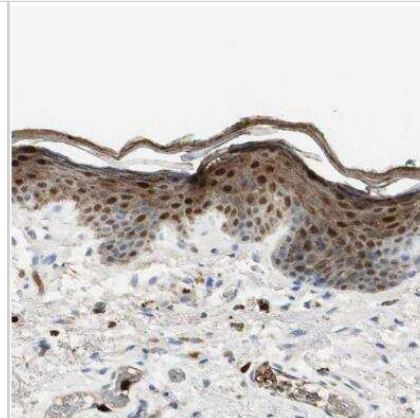
Immunohistochemistry-Paraffin: S100A9 Antibody [NBP1-89360] - Staining of human esophagus shows moderate to strong cytoplasmic and nuclear positivity in squamous epithelial cells.



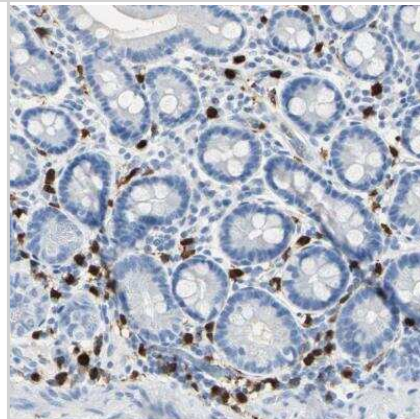
Immunohistochemistry-Paraffin: S100A9 Antibody [NBP1-89360] - Staining of human bone marrow shows strong cytoplasmic positivity in a subset of hematopoietic cells.



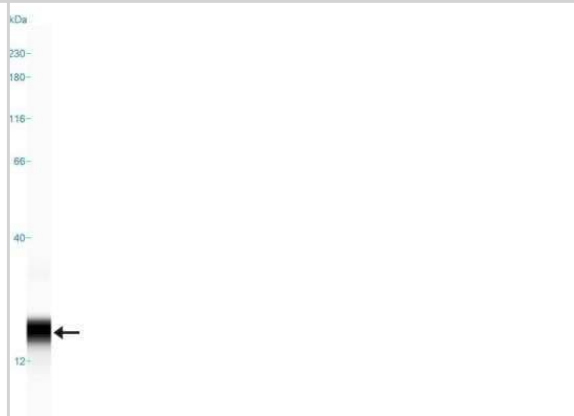
Immunohistochemistry-Paraffin: S100A9 Antibody [NBP1-89360] - Staining of human skin shows moderate to strong cytoplasmic and nuclear positivity in squamous epithelial cells.



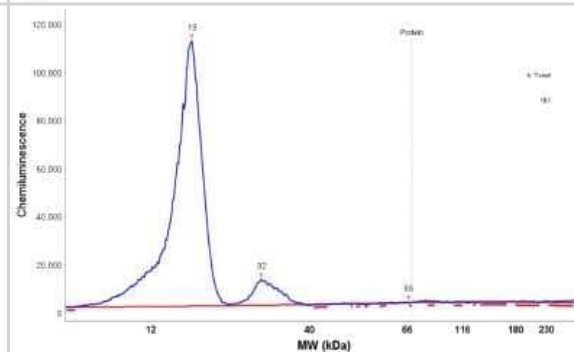
Immunohistochemistry-Paraffin: S100A9 Antibody [NBP1-89360] - Staining of human duodenum shows strong cytoplasmic positivity in peripheral leukocytes.



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.



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).





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### **Products Related to NBP1-89360**

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NBP1-89360PEP	S100A9 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

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### **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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