

Product Datasheet

Filaggrin Antibody - BSA Free NBP1-87528

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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NBP1-87528

Filaggrin Antibody - BSA Free

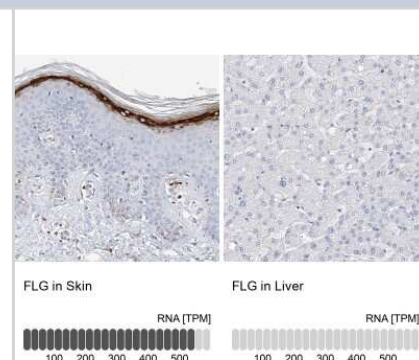
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	2312
Gene Symbol	FLG
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RKRLSERLEEKEDNEEGVYDYENTGRMTQKWIQSGHIATYYTIQDEAYDTTDS LLEENKIYERSRSSDGKSSSQVNRSRHENTSQVPLQESR

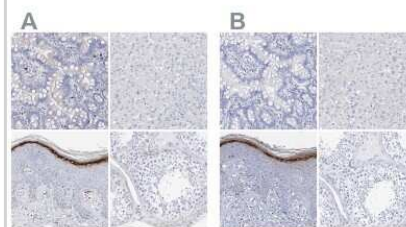
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application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

Images

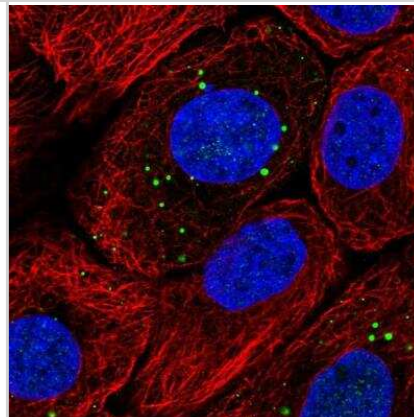
Immunohistochemistry-Paraffin: Filaggrin Antibody [NBP1-87528] - Analysis in human skin and liver tissues. Corresponding Filaggrin RNA-seq data are presented for the same tissues.



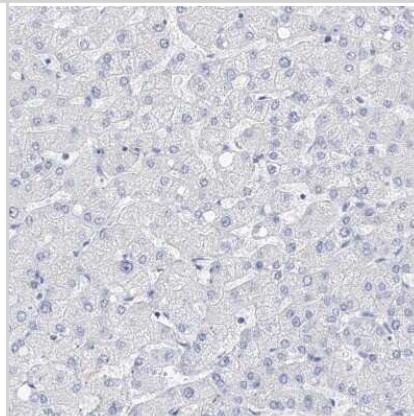
Immunohistochemistry-Paraffin: Filaggrin Antibody [NBP1-87528] - Staining of human gastrointestinal, liver, skin and testis using Anti-Filaggrin antibody NBP1-87528 (A) shows similar protein distribution across tissues to independent antibody NBP1-87527 (B).



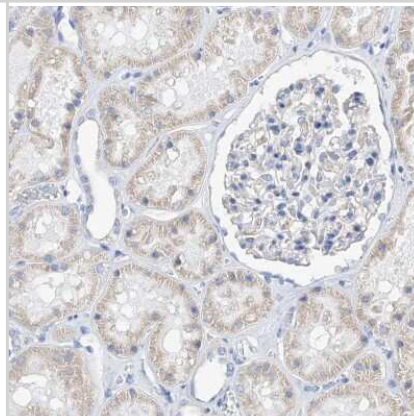
Immunocytochemistry/Immunofluorescence: Filaggrin Antibody [NBP1-87528] - Staining of human cell line HaCaT shows localization to vesicles.



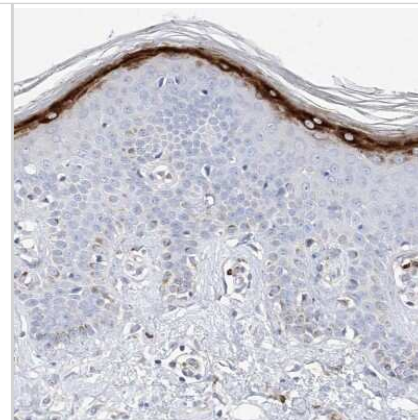
Immunohistochemistry-Paraffin: Filaggrin Antibody [NBP1-87528] - Staining of human liver shows no positivity in hepatocytes as expected.



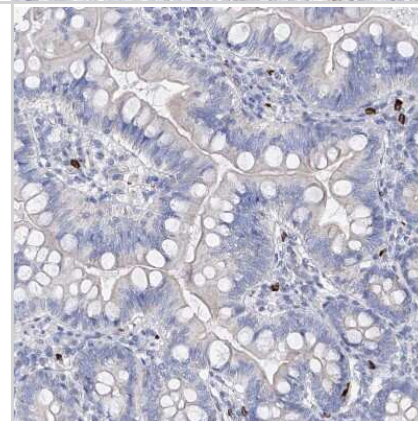
Immunohistochemistry-Paraffin: Filaggrin Antibody [NBP1-87528] - Staining of human kidney shows low expression as expected.



Immunohistochemistry-Paraffin: Filaggrin Antibody [NBP1-87528] - Staining of human skin shows high expression.



Immunohistochemistry-Paraffin: Filaggrin Antibody [NBP1-87528] - Staining of human gastrointestinal shows no positivity in glandular cells as expected.



Publications

Jun Liu, Junchen Chen, Yadan Zhong, Xiaoling Yu, Ping Lu, Jianqi Feng, Xin Zhang, Shufeng Ma, Chao Yang, Bin Yang, Zhili Rong OSMR β mutants enhance basal keratinocyte differentiation via inactivation of the STAT5/KLF7 axis in PLCA patients Protein & Cell 2021-01-27 [PMID: 33502684]

Catunda RQ The impact of CE proteins on periodontal disease and the oral microbiome in white spot lesions patients Thesis 2023-01-01 (ICC/IF, Human)

Correa-Araujo L, Prieto-Abello L, Lara-Bertrand A et al. Bioengineered skin constructs based on mesenchymal stromal cells and acellular dermal matrix exposed to inflammatory microenvironment releasing growth factors involved in skin repair Stem cell research & therapy 2023-10-26 [PMID: 37880776] (IHC, Human)

Uhm C, Jeong H, Lee S et al. Comparison of structural characteristics and molecular markers of rabbit skin, pig skin, and reconstructed human epidermis for an ex vivo human skin model Toxicological Research 2023-05-04 [PMID: 37398575] (IHC-P, Human)

Details:
1:1000 IHC-P

Yoshikawa T, Takeichi T, Hirabayashi T et al. IL-17 axis is a significant driver of skin inflammation in Card14 mutant pityriasis rubra pilaris model mice Research Square 2023-02-02 (IHC, Mouse)

Jang H, Myung H, Lee J et al. Impaired skin barrier due to sebaceous gland atrophy 2 in the latent stage of radiation-induced skin injury: 3 application of non-invasive diagnostic methods 4 Preprints.org 2017 Nov 23 [PMID: 29316698] (IHC, Mouse)

Jang H, Myung H, Lee J et al. Impaired Skin Barrier Due to Sebaceous Gland Atrophy in the Latent Stage of Radiation-Induced Skin Injury: Application of Non-Invasive Diagnostic Methods. International Journal of Molecular Sciences 2017 Nov 23 [PMID: 29316698] (IHC, Mouse)



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Products Related to NBP1-87528

NBP1-87528PEP	Filaggrin 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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