

# Product Datasheet

## Collagen I alpha 1 Antibody - BSA Free NBP1-77458

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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**NBP1-77458**

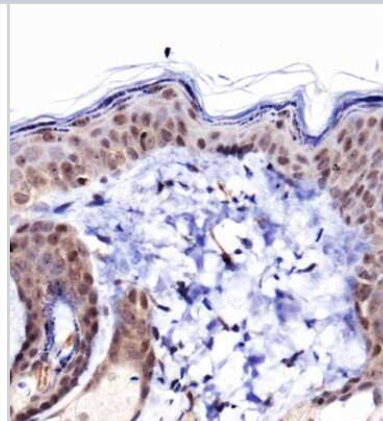
Collagen I alpha 1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.12 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 30% Glycerol
Target Molecular Weight	139 kDa
Product Description	
Host	Rabbit
Gene ID	1277
Gene Symbol	COL1A1
Species	Human, Mouse
Reactivity Notes	Immunogen's sequence similarity with other species: Rat (88%), Chicken (75%)
Immunogen	This Collagen I alpha 1 antibody was raised against a synthetic peptide made to the C-terminal portion of the human Collagen I protein (between residues 1300-1350) [UniProt P02452]
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot (Negative)
Recommended Dilutions	Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 10 - 20 ug/mL, Immunohistochemistry-Paraffin 1:200, Western Blot (Negative)

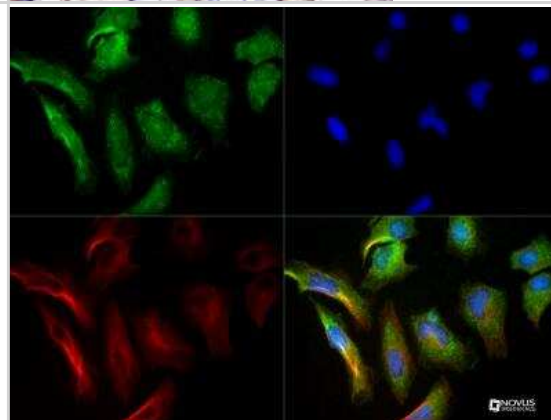


## Images

Immunohistochemistry: Collagen I alpha 1 Antibody [NBP1-77458] - Analysis of Collagen 1 in mouse epidermis using DAB with hematoxylin counterstain.



Immunocytochemistry/Immunofluorescence: Collagen I alpha 1 Antibody [NBP1-77458] - Collagen 1 antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).



## Publications

Haiyan Li, Ji Aee Kim, Seong-Eun Jo, Huisu Lee, Kwan-Chang Kim, Shinkyu Choi, Suk Hyo Suh Modafinil exerts anti-inflammatory and anti-fibrotic effects by upregulating adenosine A 2A and A 2B receptors. Purinergic signalling 2023-11-08 [PMID: 37938538]



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### **Products Related to NBP1-77458**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-77458F	Collagen I alpha 1 Antibody [FITC]

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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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