

# Product Datasheet

## Collagen III alpha 1/COL3A1 Antibody (HL1906) - Azide and BSA Free NBP3-25419

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 12/19/2023 v.20.1

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**NBP3-25419**

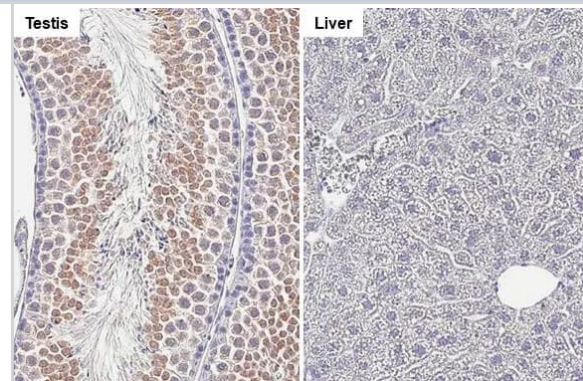
Collagen III alpha 1/COL3A1 Antibody (HL1906) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1906
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	1281
<b>Gene Symbol</b>	COL3A1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Recombinant fragment of human Collagen III.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:1000

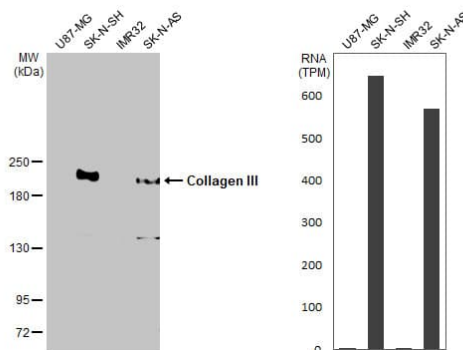


## Images

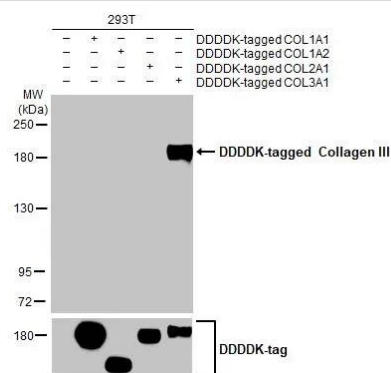
**Immunohistochemistry-Paraffin:** Collagen III alpha 1/COL3A1 Antibody (HL1906) - Azide and BSA Free [NBP3-25419] - Collagen III antibody [HL1906] detects Collagen III protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissue. Collagen III stained by Collagen III antibody [HL1906] (NBP3-25419) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



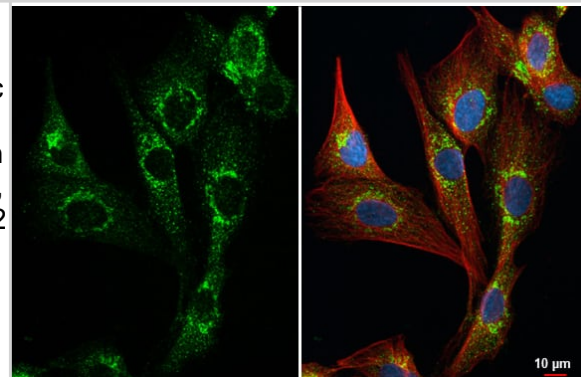
**Western Blot:** Collagen III alpha 1/COL3A1 Antibody (HL1906) - Azide and BSA Free [NBP3-25419] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Collagen III antibody [HL1906] (NBP3-25419) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



**Western Blot:** Collagen III alpha 1/COL3A1 Antibody (HL1906) - Azide and BSA Free [NBP3-25419] - Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 5% SDS-PAGE, and the membrane was blotted with Collagen III antibody [HL1906] (NBP3-25419) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



**Immunocytochemistry/Immunofluorescence:** Collagen III alpha 1/COL3A1 Antibody (HL1906) - Azide and BSA Free [NBP3-25419] - Collagen III antibody [HL1906] detects Collagen III protein at cytoplasmic vesicle by immunofluorescent analysis. Sample: SK-N-SH cells were fixed in ice-cold MeOH for 5 min. Green: Collagen III stained by Collagen III antibody [HL1906] (NBP3-25419) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (NBP2-43837) diluted at 1:1000. Blue: Fluoroshield with DAPI .





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### **Products Related to NBP3-25419**

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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
NBP1-97267	Collagen III alpha 1/COL3A1 Native Protein

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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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