

# Product Datasheet

## Collagen VI alpha 1 Antibody - BSA Free NBP2-15947

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-15947**

Collagen VI alpha 1 Antibody - BSA Free

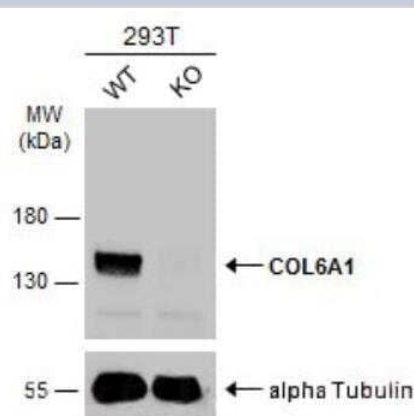
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris-Glycine (pH7), 10% Glycerol
Target Molecular Weight	109 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Collagen VI alpha 1 Antibody - BSA Free (NBP2-15947) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1291
Gene Symbol	COL6A1
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (87%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Collagen VI alpha 1. The exact sequence is proprietary.

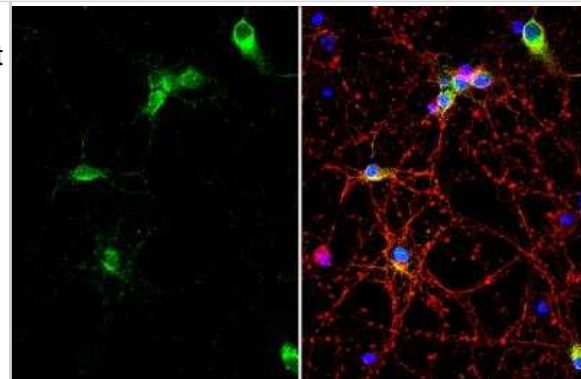
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent, Knockout Validated

**Images**

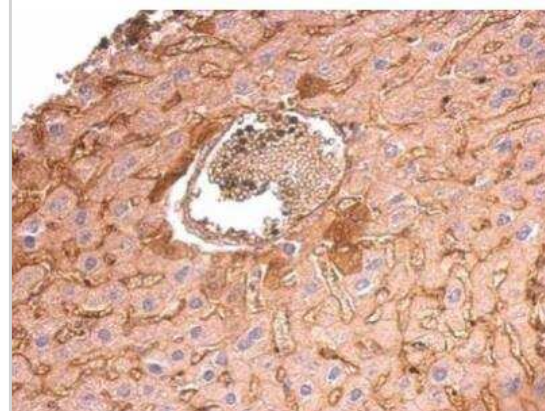
Western Blot: Collagen VI alpha 1 Antibody [NBP2-15947] - Wild-type (WT) and COL6A1 knockout (KO) 293T cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



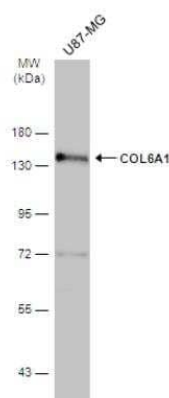
**Immunocytochemistry/Immunofluorescence:** Collagen VI alpha 1 Antibody [NBP2-15947] - Detects COL6A1 protein by immunofluorescent analysis. Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Collagen VI alpha 1 stained by diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI.



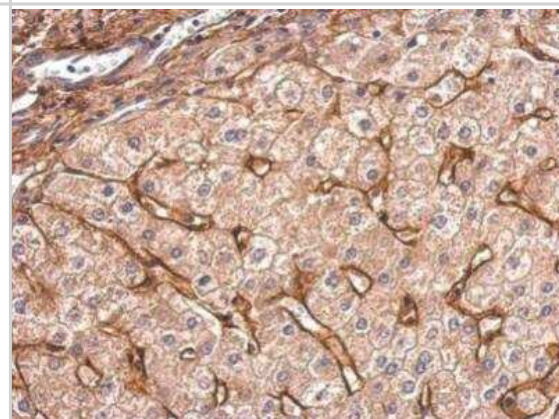
**Immunohistochemistry-Paraffin:** Collagen VI alpha 1 Antibody [NBP2-15947] - Mouse liver. COL6A1 antibody [C1C2], Internal dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



**Western Blot:** Collagen VI alpha 1 Antibody [NBP2-15947] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with COL6A1 antibody [C1C2], Internal diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



**Immunohistochemistry-Paraffin:** Collagen VI alpha 1 Antibody [NBP2-15947] - Human hepatoma. COL6A1 antibody [C1C2], Internal dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-15947**

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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
H00001291-Q01-10ug	Recombinant Human Collagen VI alpha 1 GST (N-Term) 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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