

# Product Datasheet

## Collagen IV Antibody [Biotin]

### NBP1-26550

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-26550](http://www.novusbio.com/NBP1-26550)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-26550](http://www.novusbio.com/reviews/destination/NBP1-26550)



**NBP1-26550**

Collagen IV Antibody [Biotin]

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Biotin
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	1282
<b>Gene Symbol</b>	COL4A1
<b>Species</b>	Human, Mouse, Rat, Monkey
<b>Reactivity Notes</b>	Monkey reactivity reported in scientific literature (PMID: 27417518), Mouse reactivity reported in scientific literature (PMID: 32479919), Rat reactivity reported in scientific literature (PMID: 30362896).
<b>Specificity/Sensitivity</b>	Reacts with conformational determinants on human type IV collagen as demonstrated by ELISA. May react with type IV collagen from other species. Exhibits <10% cross reactivity with collagen type I, II, III, V and VI. The antibody has not been tested for reactivity with other ECM proteins (e.g., laminin, fibronectin).
<b>Immunogen</b>	Goats were hyperimmunized with human type IV collagen.

**Product Application Details**

<b>Applications</b>	ELISA, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry, Knockdown Validated

**Publications**

Swindell WR, Randhawa M, Quijas G et al. Tetrahexyldecyl Ascorbate (THDC) Degrades Rapidly under Oxidative Stress but Can Be Stabilized by Acetyl Zingerone to Enhance Collagen Production and Antioxidant Effects Int J Mol Sci 2021-08-15 [PMID: 34445461] (ELISA, Human)

Details:

Citation using the Biotin format of this antibody.





### **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 NBP1-26550**

---

NBP2-29370	Streptavidin Native Protein
BAF108	Goat IgG Isotype Control [Biotin]
NBP1-97245	Collagen IV Native Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]

---

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-26550](http://www.novusbio.com/reviews/submit/NBP1-26550)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

