

# Product Datasheet

## UNC45A Antibody - BSA Free

### NBP2-13506

Unit Size: 0.1 ml

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

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-13506](http://www.novusbio.com/NBP2-13506)

Updated 9/9/2025 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/NBP2-13506](http://www.novusbio.com/reviews/destination/NBP2-13506)



**NBP2-13506**

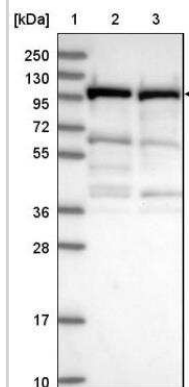
UNC45A Antibody - BSA Free

| 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                      | Immunogen affinity purified                                                                                                                                                                            |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                        |
| Description                 | Novus Biologicals Rabbit UNC45A Antibody - BSA Free (NBP2-13506) 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                     | 55898                                                                                                                                                                                                  |
| Gene Symbol                 | UNC45A                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                  |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (84%)                                                                                        |
| Immunogen                   | This antibody was developed against a recombinant protein corresponding to the amino acids:<br>QELQHRGAVVVLNMVEASREIASTLMESEMMEILSVLAKGDHSPVTRAAAACL<br>DKAVEYGLIQPNQDG                                |
| Product Application Details |                                                                                                                                                                                                        |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                              |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000                                   |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.                                                                                         |

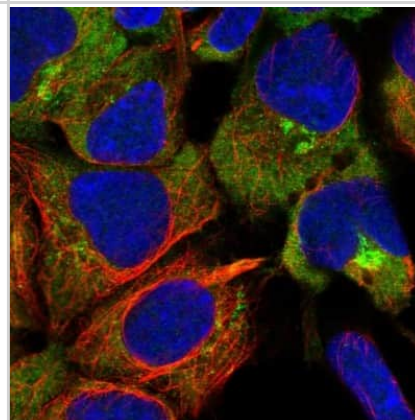


## Images

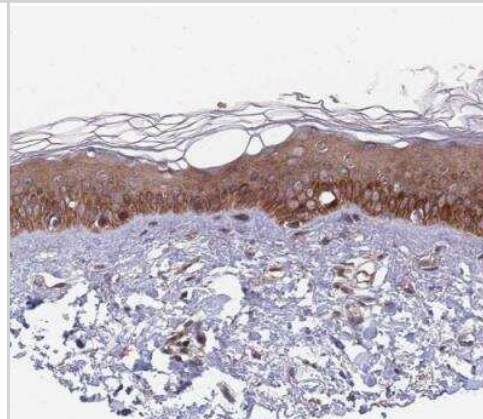
Western Blot: UNC45A Antibody [NBP2-13506] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



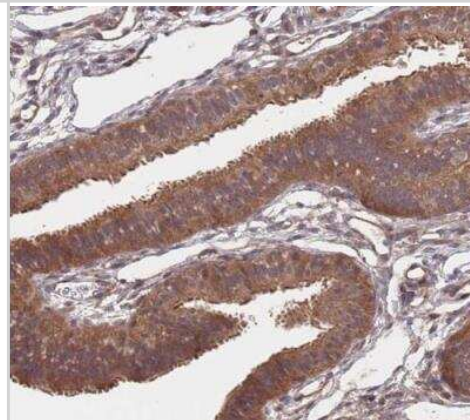
Immunocytochemistry/Immunofluorescence: UNC45A Antibody [NBP2-13506] - Staining of human cell line HEK 293 shows positivity in cytoplasm and golgi apparatus.



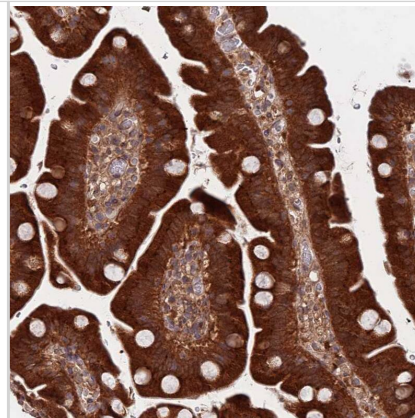
Immunohistochemistry-Paraffin: UNC45A Antibody [NBP2-13506] - Staining of human skin shows strong cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: UNC45A Antibody [NBP2-13506] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



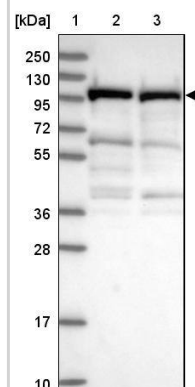
Staining of human Small intestine shows strong cytoplasmic positivity in glandular cells.



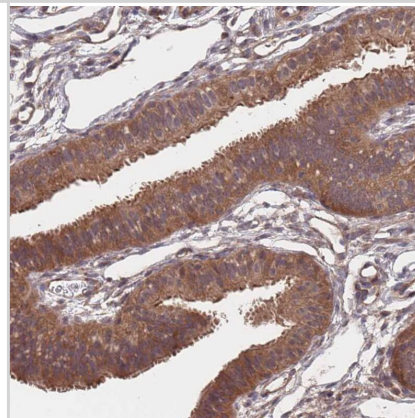
Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10

Lane 2: Human cell line RT-4

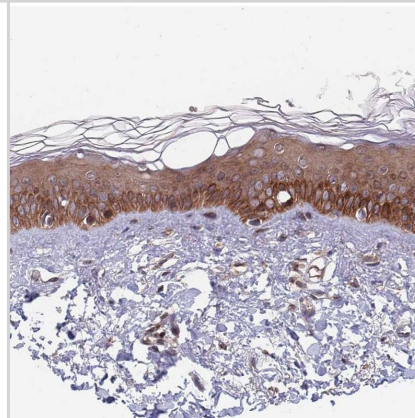
Lane 3: Human cell line U-251MG sp



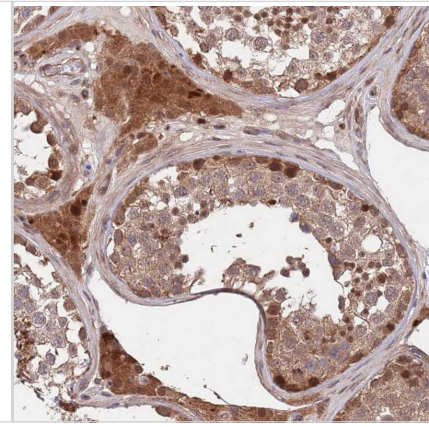
Staining of human Fallopian tube shows strong cytoplasmic positivity in glandular cells.



Staining of human Skin shows strong cytoplasmic positivity in squamous epithelial cells.



Staining of human Testis shows moderate nuclear and cytoplasmic positivity in cells in seminiferous ducts and Leydig cells.





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-13506**

---

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-13506PEP | UNC45A 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.

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/NBP2-13506](http://www.novusbio.com/reviews/submit/NBP2-13506)

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

