

# Product Datasheet

## CHRNA3 Antibody NB100-94886

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[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/NB100-94886](http://www.novusbio.com/NB100-94886)

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/NB100-94886](http://www.novusbio.com/reviews/destination/NB100-94886)



**NB100-94886****CHRNA3 Antibody****Product Information**

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 mg                                                 |
| <b>Concentration</b>           | 0.5 mg/ml                                              |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles.               |
| <b>Clonality</b>               | Polyclonal                                             |
| <b>Preservative</b>            | 0.02% Sodium Azide                                     |
| <b>Isotype</b>                 | IgG                                                    |
| <b>Purity</b>                  | Immunogen affinity purified                            |
| <b>Buffer</b>                  | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |
| <b>Target Molecular Weight</b> | 53 kDa                                                 |

**Product Description**

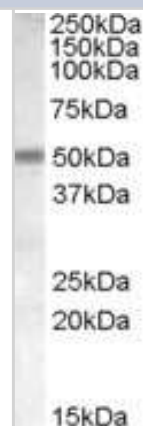
|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Goat                                                                                            |
| <b>Gene ID</b>     | 1142                                                                                            |
| <b>Gene Symbol</b> | CHRNA3                                                                                          |
| <b>Species</b>     | Human                                                                                           |
| <b>Immunogen</b>   | Peptide with sequence C-SRHVKKEHFISQ corresponding to internal region according to NP_000740.1. |

**Product Application Details**

|                              |                                                                                                                                 |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Peptide ELISA                                                                                                     |
| <b>Recommended Dilutions</b> | Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:16000                                                                 |
| <b>Application Notes</b>     | WB: Approx. 50 kDa band observed in human brain (cerebellum) lysates (calculated MW of 52.7 kDa band according to NP_000740.1). |

**Images**

Western Blot: CHRNA3 Antibody [NB100-94886] - Analysis of CHRNA3 using this antibody at 1 ug/ml in Human Cerebellum lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Zeiger J, Haberstick BC, Schlaepfer I et al. The neuronal nicotinic receptor subunit genes (CHRNA6 and CHRNA3) are associated with subjective responses to tobacco. Hum Mol Genet 2007-11-30 [PMID: 18055561]



### **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 NB100-94886**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control                                               |
| NBP1-91783PEP   | CHRN3 Recombinant Protein Antigen                                      |

### **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/NB100-94886](http://www.novusbio.com/reviews/submit/NB100-94886)

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



