

# Product Datasheet

## CACNA1E Antibody (N493/22) - Chimeric - BSA Free NBP3-52364-100ul

Unit Size: 100 ul

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/NBP3-52364](http://www.novusbio.com/NBP3-52364)

Updated 6/11/2026 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/NBP3-52364](http://www.novusbio.com/reviews/destination/NBP3-52364)



**NBP3-52364-100ul**

CACNA1E Antibody (N493/22) - Chimeric - BSA Free

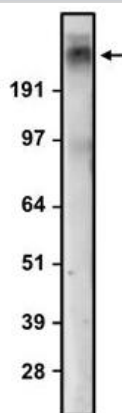
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	N493/22
Preservative	0.05% Sodium Azide
Isotype	IgY
Purity	Affinity purified
Buffer	1X PBS (pH 7.4)
Target Molecular Weight	257 kDa

Product Description	
Description	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N493/22 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N493/22 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in HEK293 cells and then affinity purified from the cell culture media.
Host	Chicken
Gene ID	777
Gene Symbol	CACNA1E
Species	Human, Mouse, Rat
Immunogen	Recombinant protein amino acids 956-1033 (ID I-II cytoplasmic loop) of mouse CACNA1E (Uniprot#: Q61290) produced recombinantly in E.Coli.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence

**Images**

Western blotting of rat brain membrane with NBP3-52364 recognizing endogenous CACNA1E at ~250 kDa. This antibody was detected with anti-chicken-HRP.





### **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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

### **General Contact Information**

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

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP3-52364-100ul**

---

BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NB400-104	SR-BI Antibody - BSA Free
NB400-144	CD36 Antibody - BSA Free

---

### **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/NBP3-52364](http://www.novusbio.com/reviews/submit/NBP3-52364)

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

