

# Product Datasheet

## CaM Kinase II alpha Antibody NBP1-20008

Unit Size: 0.1 mg

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)

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-20008](http://www.novusbio.com/NBP1-20008)

Updated 10/3/2017 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/NBP1-20008](http://www.novusbio.com/reviews/destination/NBP1-20008)



**NBP1-20008**

CaM Kinase II alpha Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	54 kDa

Product Description	
Host	Rabbit
Gene ID	815
Gene Symbol	CAMK2A
Species	Human, Mouse, Rat
Reactivity Notes	Human, Mouse, Rat
Immunogen	Synthetic peptide, corresponding to amino acids 260-310 of Human CaMKIIalpha.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	Western blot (WB) analyzes of CaMK2-a (K292) pAb in extracts from A431 cells. Immunohistochemistry (IHC) analyzes of CaMK2-a (K292) pAb in paraffin-embedded human A431 tissue.

**Publications**

Amar F, Sherman MA, Rush T et al. The amyloid-B oligomer AB\*56 induces specific alterations in neuronal signaling that lead to tau phosphorylation and aggregation. *Sci Signal*. 2017-05-09 [PMID: 28487416] (Human)

Amar F. Cellular And Molecular Mechanism Of Action Of The Amyloid-Beta Oligomer Abeta Star 56. Thesis. 2016-01-01

Hall K, Yang S, Sauchanka, O et al. Behavioural deficits in transgenic mice expressing human truncated (1-120 amino acid) alpha-synuclein. *Exp. Neurol*. 2014-11-20 [PMID: 25450466]





### **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

### **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/NBP1-20008](http://www.novusbio.com/reviews/submit/NBP1-20008)

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

