

Product Datasheet

CaMKII beta Antibody - BSA Free NBP1-88212

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-88212

Updated 12/2/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-88212



NBP1-88212

CaMKII beta Antibody - BSA Free

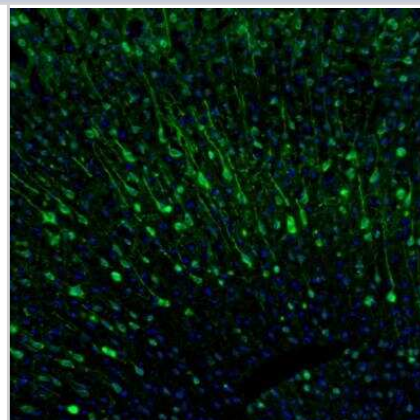
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit CaMKII beta Antibody - BSA Free (NBP1-88212) is a polyclonal antibody validated for use in IHC, WB and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	816
Gene Symbol	CAMK2B
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TRNFSVGRQTTAPATMSTAASGTTMGLVEQAKSLLNKKADGVKPQTNSTKNS AAATSPKGTLPAALEPQTTVIH

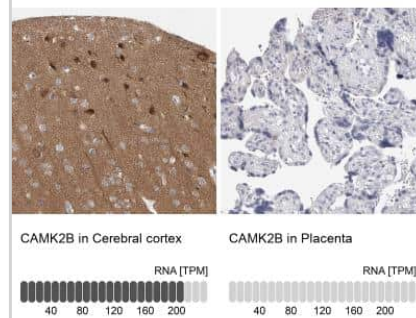
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:5, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10-15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in H. Motor Cortex lysates, separated by Size, antibody dilution of 1:5

Images

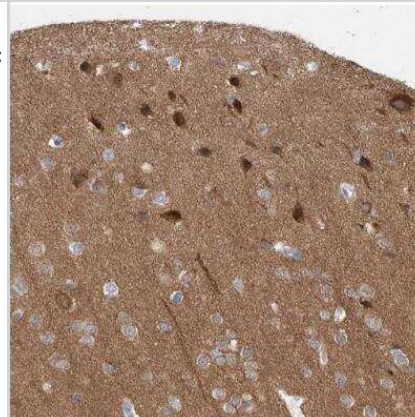
Immunohistochemistry: CaMKII beta Antibody [NBP1-88212] - Staining of mouse brain shows moderate to strong positivity in more than 75 % of neurons in the cerebral cortex.



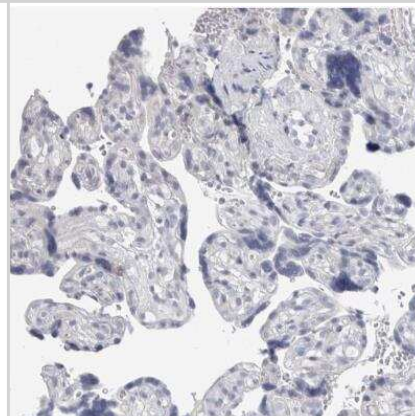
Immunohistochemistry-Paraffin: CaMKII beta Antibody [NBP1-88212] - Analysis in human cerebral cortex and placenta tissues. Corresponding RNA-seq data are presented for the same tissues



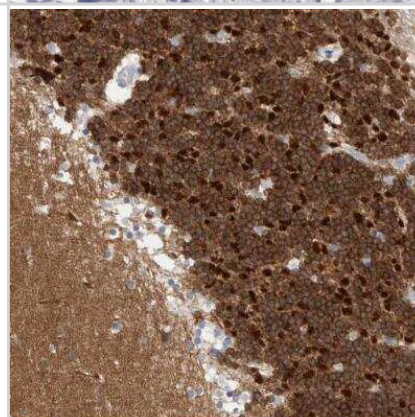
Immunohistochemistry-Paraffin: CaMKII beta Antibody [NBP1-88212] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



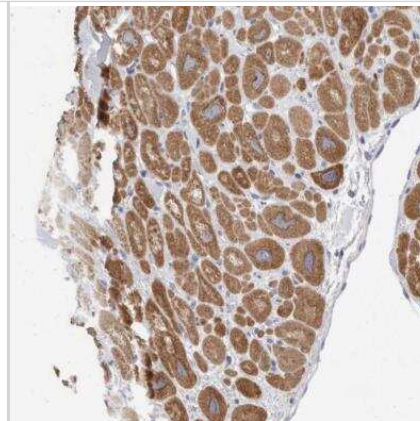
Immunohistochemistry-Paraffin: CaMKII beta Antibody [NBP1-88212] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: CaMKII beta Antibody [NBP1-88212] - Staining of human cerebellum shows moderate to strong cytoplasmic positivity in Purkinje cells



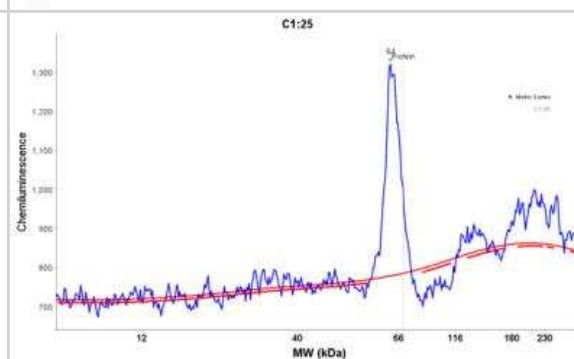
Immunohistochemistry-Paraffin: CaMKII beta Antibody [NBP1-88212] - Staining of human heart shows weak to moderate cytoplasmic positivity in cardiomyocytes.



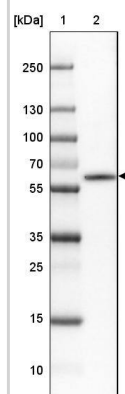
Simple Western: CaMKII beta Antibody [NBP1-88212] - Simple Western lane view shows a specific band for CaMKII beta in 0.2 mg/ml of H. Motor Cortex lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation systems.



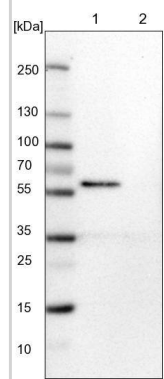
Simple Western: CaMKII beta Antibody [NBP1-88212] - Electropherogram image of the corresponding Simple Western lane view. CaMKII beta antibody was used at 1:5 dilution on H. Motor Cortex lysate(s) respectively.



Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human Cerebral Cortex tissue



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour 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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-88212

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-88212

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

