Product Datasheet

CACNA2D1 Antibody NB100-60951

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NB100-60951

Updated 10/23/2024 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/NB100-60951



NB100-60951

CACNA2D1 Antibody

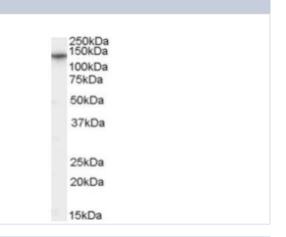
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	125 kDa

Product Description	
Host	Goat
Gene ID	781
Gene Symbol	CACNA2D1
Species	Human
	Peptide with sequence C-QEIFNKYNKDKKVR corresponding to internal region according to NP_000713.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 140 kDa band observed in human brain (cerebellum) lysates (calculated MW of 123 kDa band according to NP_000713.2). An anonymous customer has reported it not suitable on mouse and rat protein.

Images

Western Blot: CACNA2D1 Antibody [NB100-60951] - Staining of Human Brain (Cerebellum) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Hullin R, Matthes J, von Vietinghoff S et al. Increased Expression of the Auxiliary beta(2)-subunit of Ventricular L-type Ca Channels Leads to Single-Channel Activity Characteristic of Heart Failure. PLoS ONE 2007-03-14 [PMID: 17356701]

Neely GG et al. A genome-wide Drosophila screen for heat nociception identifies a2d3 as ann evolutionarily conserved pain gene. Cell;143(4):628-38. 2010-11-12 [PMID: 21074052]





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 NB100-60951

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

NBP1-86682PEP CACNA2D1 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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-60951

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



