

Product Datasheet

CACNA2D1 Antibody - BSA Free

NBP1-86683

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

Publications: 2

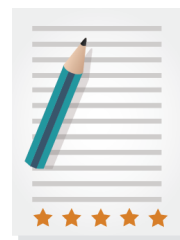
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-86683

Updated 2/21/2025 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/NBP1-86683



NBP1-86683

CACNA2D1 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

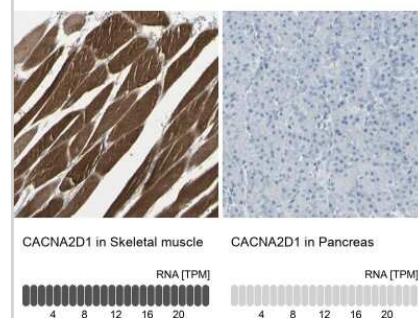
Host	Rabbit
Gene ID	781
Gene Symbol	CACNA2D1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QPKNPKSQEPVTLDLFLDAELENLIKVEIRNKMIDGESGEKTFRTLKVSQDERYID KGNRTYTWTPVNGTDYSLALVLPTYSFYYIKAKLEETITQARSKKGKMKDSETL KPDNFEESGYTFIAPRDYCNDLKISDNTEFL

Product Application Details

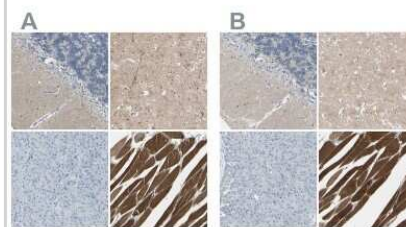
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

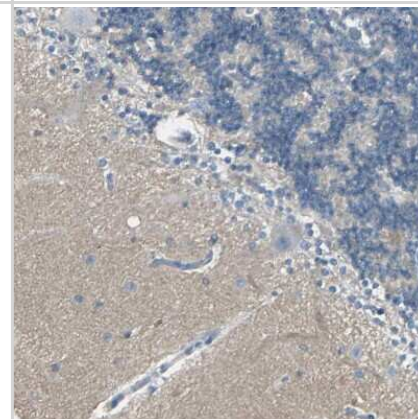
Immunohistochemistry-Paraffin: CACNA2D1 Antibody [NBP1-86683] - Staining in human skeletal muscle and pancreas tissues using NBP1-86683 antibody. Corresponding CACNA2D1 RNA-seq data are presented for the same tissues.



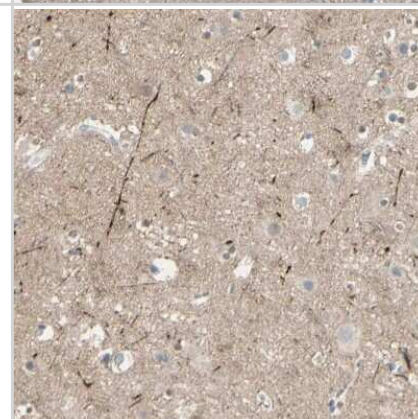
Immunohistochemistry-Paraffin: CACNA2D1 Antibody [NBP1-86683] - Staining of human cerebellum, cerebral cortex, pancreas and skeletal muscle using Anti-CACNA2D1 antibody NBP1-86683 (A) shows similar protein distribution across tissues to independent antibody NBP1-86682 (B).



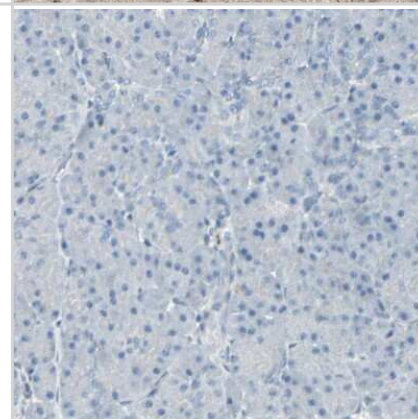
Immunohistochemistry-Paraffin: CACNA2D1 Antibody [NBP1-86683] - Staining of human cerebellum shows weak positivity in neuropil.



Immunohistochemistry-Paraffin: CACNA2D1 Antibody [NBP1-86683] - Staining of human cerebral cortex shows moderate positivity in neuropil.



Immunohistochemistry-Paraffin: CACNA2D1 Antibody [NBP1-86683] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: CACNA2D1 Antibody [NBP1-86683] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Publications

Cui WQ, Chu YX, Xu F et al. Calcium channel alpha 2 delta 1 subunit mediates secondary orofacial hyperalgesia through PKC-TRPA1/gap junction signaling J Pain 2019-09-05 [PMID: 31494272] (IHC-Fr, Mouse)

Haibo Han, Yantao Du, Wei Zhao et al. PBX3 is targeted by multiple miRNAs and is essential for liver tumour-initiating cells. Nature Communications 2015-01-01 [PMID: 26420065] (ICC/IF, Human)



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 NBP1-86683

NBP1-86683PEP	CACNA2D1 Recombinant Protein Antigen
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/NBP1-86683

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

