

Product Datasheet

CACNB2 Antibody - BSA Free

NBP1-86680

Unit Size: 0.1 ml

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

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Publications: 2

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NBP1-86680

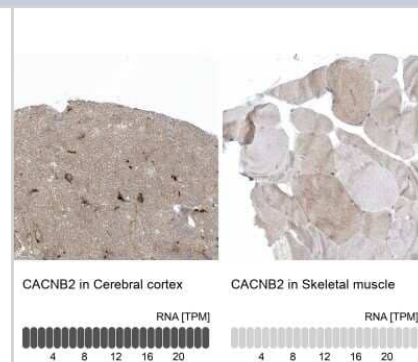
CACNB2 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit CACNB2 Antibody - BSA Free (NBP1-86680) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CACNB2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	783
Gene Symbol	CACNB2
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:35047492). Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RDSAYVEPKEDYSHDHVDHYASHRDHNHRDETHGSSDHRHRESRHRSRDVD REQDHNECNKQRSRHKSKDRYCEKDGEVI
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID:35047492), Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence Reported in scientific literature (PMID:35047492), Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

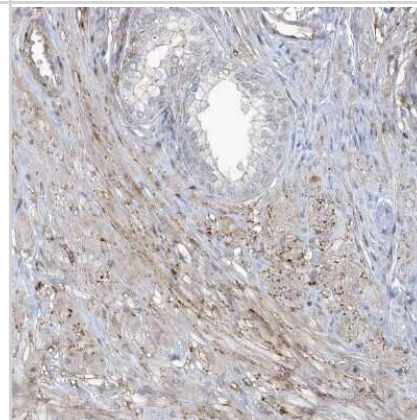


Images

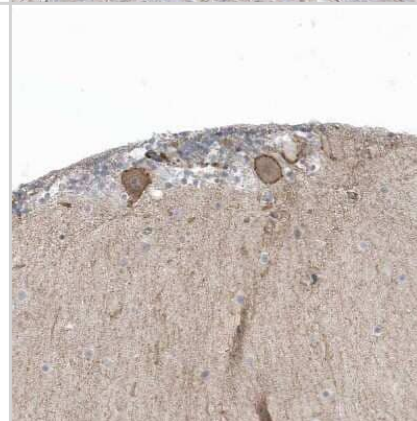
Immunohistochemistry-Paraffin: CACNB2 Antibody [NBP1-86680] - Analysis in human cerebral cortex and skeletal muscle tissues. Corresponding CACNB2 RNA-seq data are presented for the same tissues.



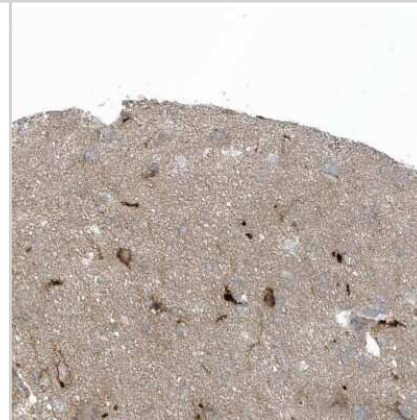
Immunohistochemistry-Paraffin: CACNB2 Antibody [NBP1-86680] - Staining of human prostate shows weak to moderate membranous positivity in smooth muscle cells.



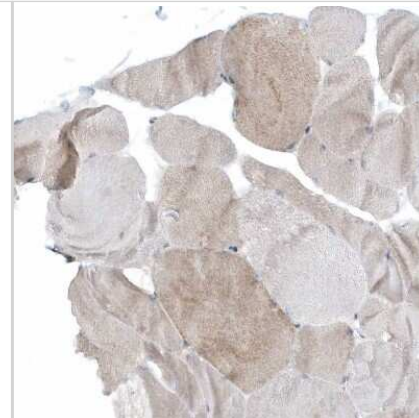
Immunohistochemistry-Paraffin: CACNB2 Antibody [NBP1-86680] - Staining of human cerebellum shows moderate to strong membranous positivity in Purkinje cells.



Immunohistochemistry-Paraffin: CACNB2 Antibody [NBP1-86680] - Staining of human cerebral cortex shows moderate to strong membranous positivity in neurons.



Immunohistochemistry-Paraffin: CACNB2 Antibody [NBP1-86680] - Staining of human skeletal muscle shows very weak positivity in myocytes.



Publications

Cruz-Garcia Y, Barkovits K, Kohlhaas M et al. Nanoenvironments of the beta-Subunit of L-Type Voltage-Gated Calcium Channels in Adult Cardiomyocytes Frontiers in cell and developmental biology 2022-01-03 [PMID: 35047492] (ICC/IF, WB, Rat)

Cruz Garcia Y Interactome of the beta 2b subunit of L-type voltage-gated calcium channels in cardiomyocytes Thesis 2021-01-01 (ICC/IF, WB)



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Products Related to NBP1-86680

NBP1-86680PEP	CACNB2 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.

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