

Product Datasheet

Calbindin D-28K Antibody - BSA Free NBP1-86664

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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NBP1-86664

Calbindin D-28K 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

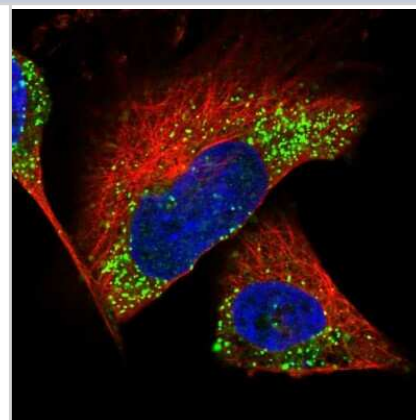
Description	Novus Biologicals Rabbit Calbindin D-28K Antibody - BSA Free (NBP1-86664) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	793
Gene Symbol	CALB1
Species	Human
Marker	Neuronal Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QSSLITASQFFEIWLHFDADGSGYLEGKELQNLIQELQQARKKAGLELSPMKTFVDQYGGQRDDGKIGIVELAHVLPTEENFLLLFRCQQ

Product Application Details

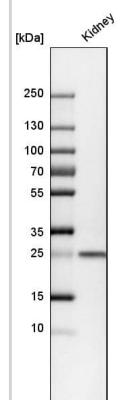
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

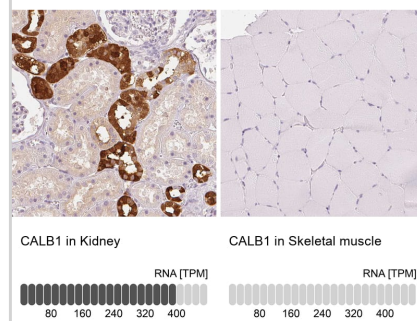
Immunocytochemistry/Immunofluorescence: Calbindin D-28K Antibody [NBP1-86664] - Staining of human cell line U-251 MG shows localization to vesicles. Antibody staining is shown in green.



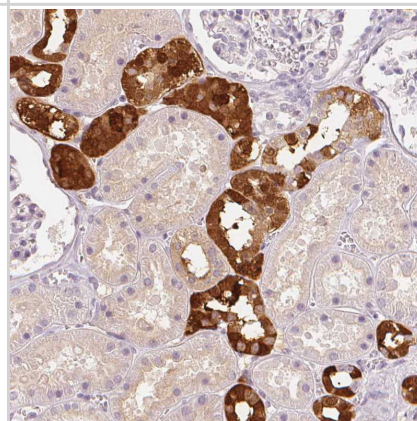
Analysis in human kidney tissue.



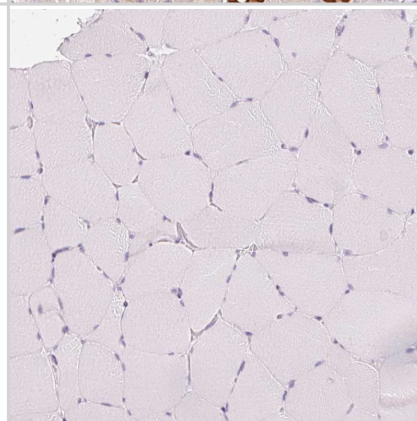
Analysis in human kidney and skeletal muscle tissues Corresponding CALB1 RNA-seq data are presented for the same tissues.



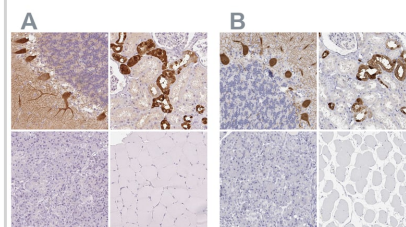
Staining of human kidney shows strong nuclear and cytoplasmic positivity in cells in tubules.



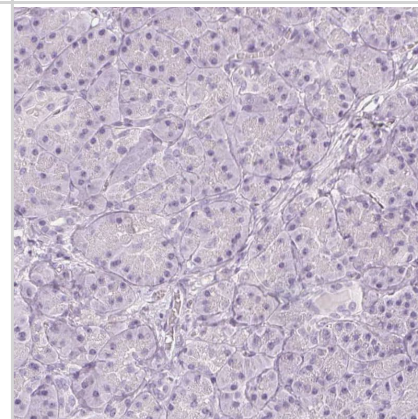
Staining of human skeletal muscle shows no positivity in myocytes as expected.



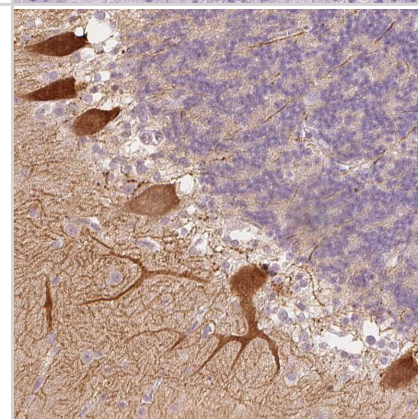
Staining of human cerebellum, kidney, pancreas and skeletal muscle using Anti-CALB1 antibody NBP1-86664 (A) shows similar protein distribution across tissues to independent antibody NBP2-38798 (B).



Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.





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Products Related to NBP1-86664

NBP1-86664PEP	Calbindin D-28K 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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