

Product Datasheet

PMCA3 Antibody - BSA Free

NBP1-87259

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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NBP1-87259

PMCA3 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

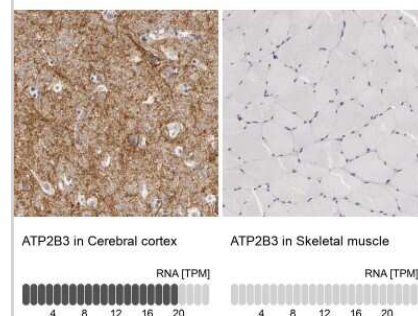
Host	Rabbit
Gene ID	492
Gene Symbol	ATP2B3
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23416519)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IRVVKAFRSSLYEGLEKPEKSTSIHNFMATPEFLINDYTHNIPLIDDDTDVDENEER LRAPPPSPNQNNNAIDSGIYLTTHVTKSATSSVFSSSPGSPHLSVETS

Product Application Details

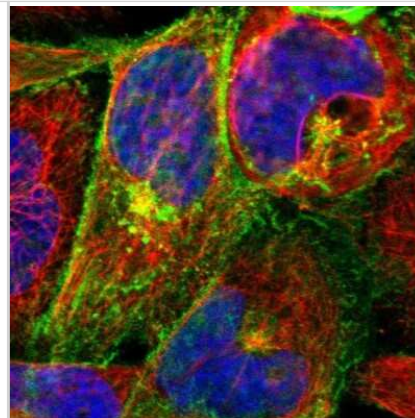
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

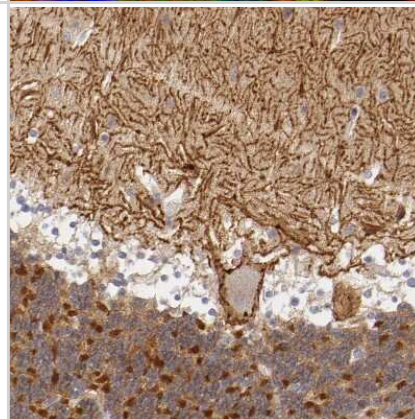
Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Analysis in human cerebral cortex and skeletal muscle tissues using NBP1-87259 antibody. Corresponding PMCA3 RNA-seq data are presented for the same tissues.



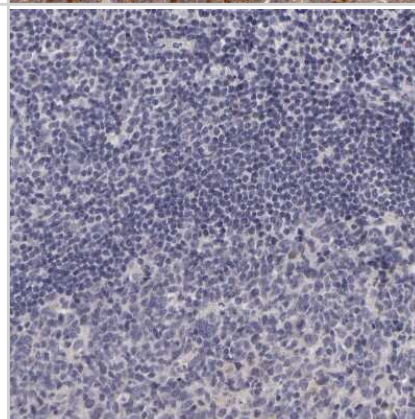
Immunocytochemistry/Immunofluorescence: PMCA3 Antibody [NBP1-87259] - Immunofluorescent staining of human cell line A-431 shows localization to plasma membrane & the Golgi apparatus.



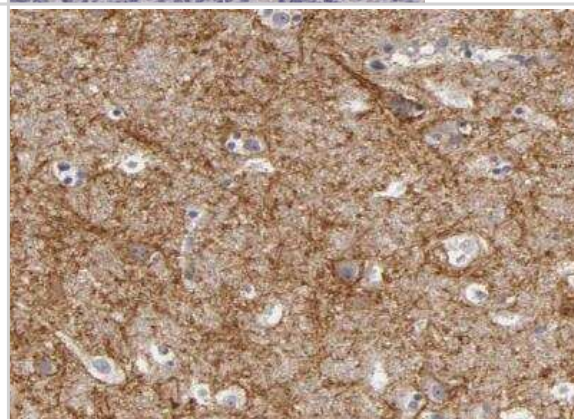
Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Staining of human cerebellum shows strong positivity in neuronal processes.



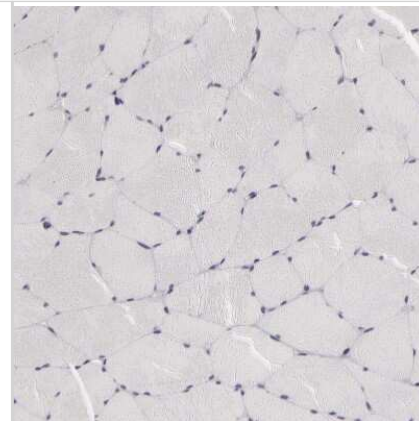
Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Staining of human cerebral cortex shows moderate to strong positivity in neuronal processes.



Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Beuschlein F, Boulkroun S, Osswald A et al. Somatic mutations in ATP1A1 and ATP2B3 lead to aldosterone-producing adenomas and secondary hypertension. Nat Genet 2013-04-01 [PMID: 23416519]



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Products Related to NBP1-87259

NBP1-87259PEP	PMCA3 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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