

# 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.

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-87259**

PMCA3 Antibody - BSA Free

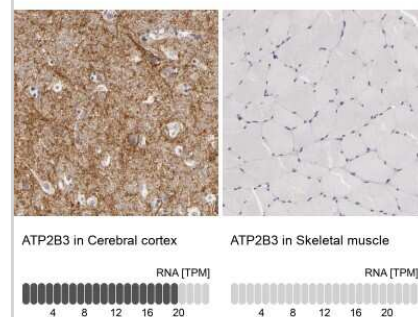
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit PMCA3 Antibody - BSA Free (NBP1-87259) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-PMCA3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	492
<b>Gene Symbol</b>	ATP2B3
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 23416519)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: IRVVKAFRSSLYEGLEKPEKTSIHNFMATPEFLINDYTHNIPLIDDDTDVDENEER LRAPPPSPNQNNNAIDSGIYLTTHVTKSATSSVFSSSPGSPPLHSVETS

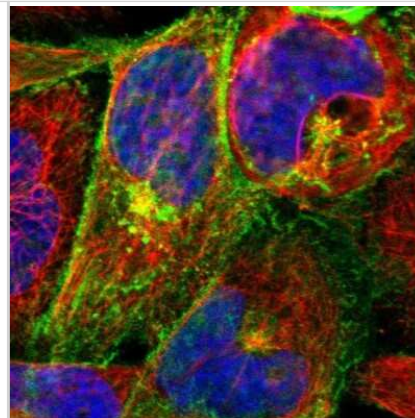
Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500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

**Images**

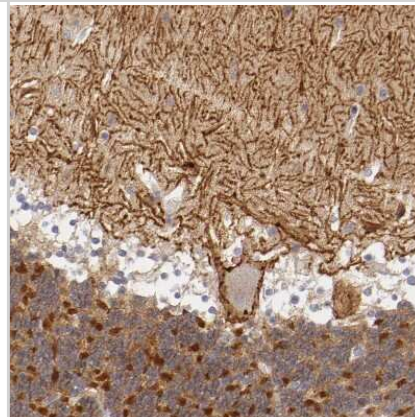
Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Analysis in human cerebral cortex and skeletal muscle tissues using NBP1-87259 antibody. Corresponding PMCA3 RNA-seq data are presented for the same tissues.



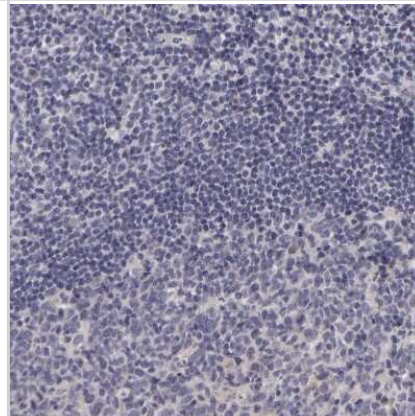
Immunocytochemistry/Immunofluorescence: PMCA3 Antibody [NBP1-87259] - Immunofluorescent staining of human cell line A-431 shows localization to plasma membrane & the Golgi apparatus.



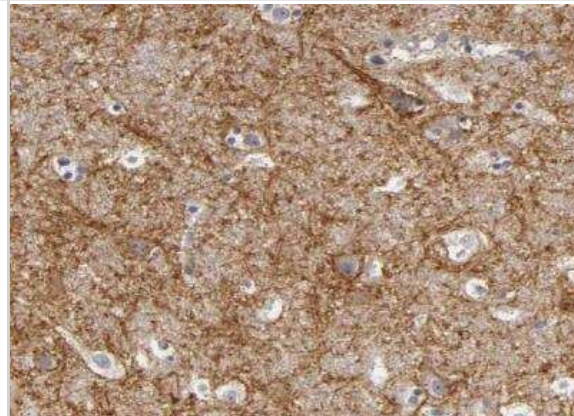
Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Staining of human cerebellum shows strong positivity in neuronal processes.



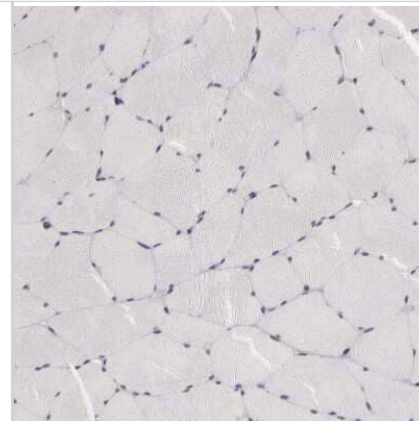
Immunohistochemistry-Paraffin: PMCA3 Antibody [NBP1-87259] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



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**

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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

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### **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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