

# Product Datasheet

## PMCA2 Antibody NB120-3529

Unit Size: 100ug

Store at -20C. Avoid freeze-thaw cycles.

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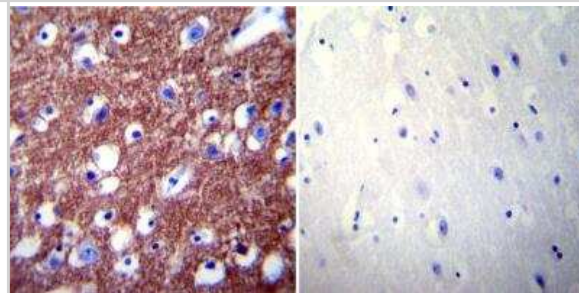
**NB120-3529****PMCA2 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	100ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS with 1 mg/ml BSA
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	491
<b>Gene Symbol</b>	ATP2B2
<b>Species</b>	Human, Rat, Porcine
<b>Specificity/Sensitivity</b>	PMCA2 antibody detects calcium pump of the plasma membrane 2 (PMCA2 ATPase) from human and rat and porcine tissues and cells.
<b>Immunogen</b>	Synthetic Peptide: T(5) N S D F Y S K N Q R N E S S(19)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:20 - 1:200, Immunohistochemistry-Frozen 1:20 - 1:200
<b>Application Notes</b>	WB: Detects an approx. 127 kDa and 133 kDa proteins representing PMCA 2a and 2b ATPase from rat brain microsomal fractions.

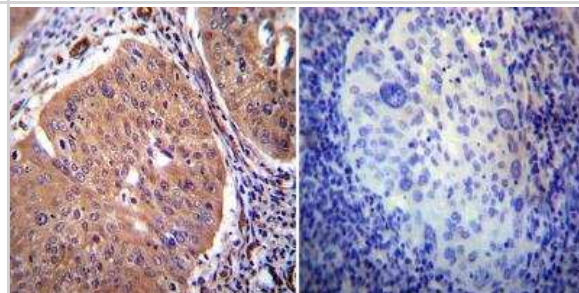


## Images

Immunohistochemistry-Paraffin: PMCA2 Antibody [NB120-3529] - Immunohistochemistry was performed on normal biopsies of deparaffinized Human brain tissue. To expose target proteins, heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes. Following antigen retrieval tissues were blocked in 3% BSA-PBS for 30 minutes at room temperature. Tissues were then probed at a dilution of 1:200 with a rabbit polyclonal antibody recognizing PMCA2 ATPase or without primary antibody (negative control) overnight at 4C in a humidified chamber. Tissues were washed extensively with PBST and endogenous peroxidase activity was quenched with a peroxidase suppressor. Tissues were counterstained with hematoxylin and prepped for mounting.



Immunohistochemistry-Paraffin: PMCA2 Antibody [NB120-3529] - Cancer biopsies of deparaffinized Human cervical carcinoma tissue.





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### **Products Related to NB120-3529**

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NB820-60572	Human Brain Cerebellum Membrane Tissue Lysate (Adult Membrane Normal)
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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