

Product Datasheet

PMCA2 Antibody NB120-3529

Unit Size: 100ug

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

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NB120-3529**PMCA2 Antibody**

Product Information	
Unit Size	100ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

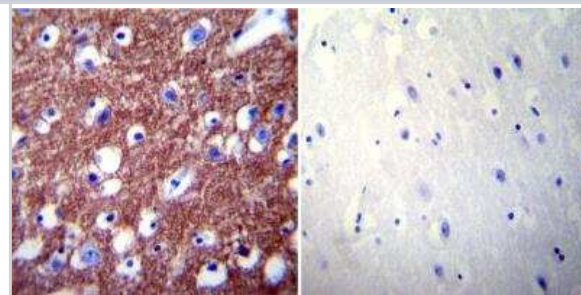
Product Description	
Description	Novus Biologicals Rabbit PMCA2 Antibody (NB120-3529) is a polyclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	491
Gene Symbol	ATP2B2
Species	Human, Rat, Porcine
Specificity/Sensitivity	PMCA2 antibody detects calcium pump of the plasma membrane 2 (PMCA2 ATPase) from human and rat and porcine tissues and cells.
Immunogen	Synthetic Peptide: T(5) N S D F Y S K N Q R N E S S(19)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:20 - 1:200, Immunohistochemistry-Frozen 1:20 - 1:200
Application Notes	WB: Detects an approx. 127 kDa and 133 kDa proteins representing PMCA 2a and 2b ATPase from rat brain microsomal fractions.

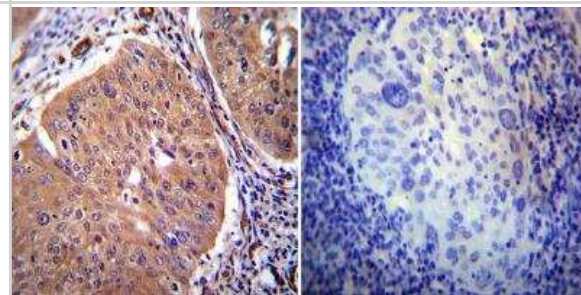


Images

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

NB820-60572	Human Brain Cerebellum Membrane Tissue Lysate (Adult Membrane Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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