

Product Datasheet

PMCA1 Antibody NB120-3528

Unit Size: 100ug

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

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NB120-3528

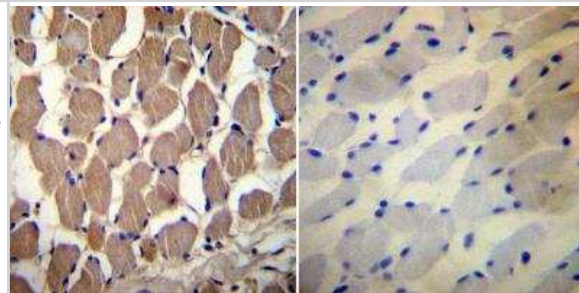
PMCA1 Antibody

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	
Host	Rabbit
Gene ID	490
Gene Symbol	ATP2B1
Species	Human, Rat, Porcine
Specificity/Sensitivity	Detects PMCA 1a and 1b ATPase.
Immunogen	Synthetic peptide corresponding to the residues A(5) N N S V A Y S G V K N S I K E A N(22) of rat PMCA1 ATPase.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000, Immunohistochemistry-Frozen 1:1000
Application Notes	WB: Detects an approx. 134 kDa and 130 kDa proteins representing PMCA 1a and 1b ATPase from rat samples.

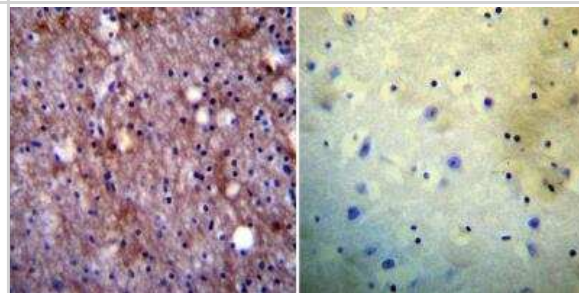


Images

Immunohistochemistry-Paraffin: PMCA1 Antibody [NB120-3528] - Immunohistochemistry was performed on normal biopsies of deparaffinized Human skeletal muscle 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 1:20 with a rabbit polyclonal antibody recognizing PMCA1 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: PMCA1 Antibody [NB120-3528] - 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 1:20 with a rabbit polyclonal antibody recognizing PMCA1 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.





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Products Related to NB120-3528

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000490-Q01-10ug	Recombinant Human PMCA1 GST (N-Term) Protein

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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