

# Product Datasheet

## PMCA1 Antibody - BSA Free

### NBP3-12964

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-12964**

PMCA1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
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	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	139 kDa

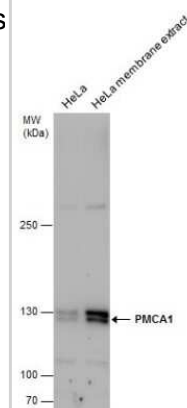
Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene ID	490
Gene Symbol	ATP2B1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human PMCA1. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen
Application Notes	IHC-FR-Assay dependent

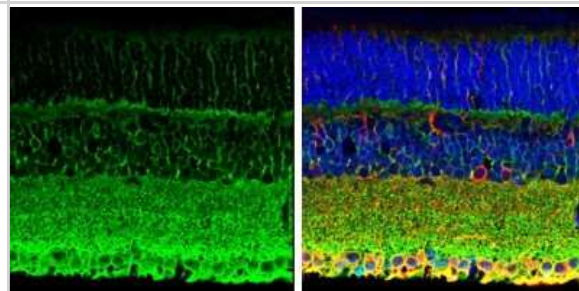


## Images

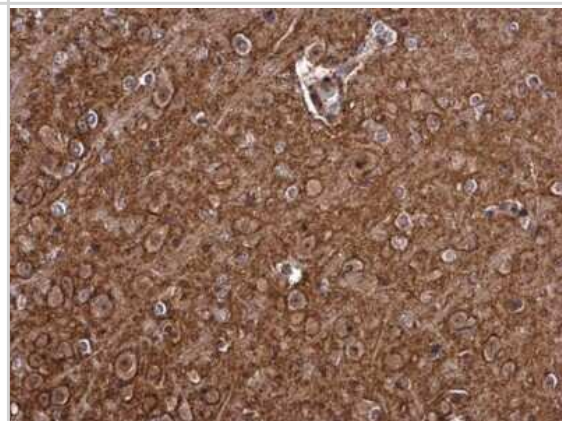
**Western Blot: PMCA1 Antibody [NBP3-12964]** - PMCA1 antibody detects PMCA1 protein by western blot analysis. HeLa whole cell extracts and membrane extracts(the extracts were unboiled )(30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with PMCA1 antibody (NBP3-12964) at a dilution of 1:1000.



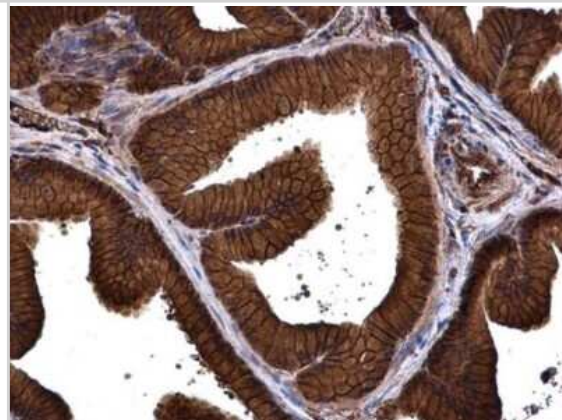
**Immunohistochemistry-Paraffin: PMCA1 Antibody [NBP3-12964]** - PMCA1 antibody detects PMCA1 protein expression by immunohistochemical analysis. Sample:Paraffin-Embedded adult mouse retina. Green: PMCA1 protein stained by PMCA1 antibody (NBP3-12964) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



**Immunohistochemistry-Paraffin: PMCA1 Antibody [NBP3-12964]** - PMCA1 antibody detects PMCA1 protein at cell membrane and cytoplasm in mouse brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. PMCA1 antibody (NBP3-12964) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Immunohistochemistry-Paraffin: PMCA1 Antibody [NBP3-12964]** - PMCA1 antibody detects PMCA1 protein at cell membrane and cytoplasm in rat prostate by immunohistochemical analysis. Sample: Paraffin-embedded rat prostate. PMCA1 antibody (NBP3-12964) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP3-12964**

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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

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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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