

# Product Datasheet

## PMCA1 Antibody NBP1-97754

Unit Size: 0.1 mg

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

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**NBP1-97754****PMCA1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat PMCA1 Antibody (NBP1-97754) is a polyclonal antibody validated for use in WB and ELISA. Anti-PMCA1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	490
<b>Gene Symbol</b>	ATP2B1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_001001323.1; NP_001673.2).
<b>Immunogen</b>	Peptide with sequence C-KQDGAIENRNKAKAQD corresponding to internal region according to NP_001673.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.03 - 0.1 ug/ml, Peptide ELISA Detection limit 1:64000
<b>Application Notes</b>	WB: Approx. 150 kDa band observed in HeLa lysates (calculated MW of 135 kDa band according to NP_001673.2).

**Images**

Western Blot: PMCA1 Antibody [NBP1-97754] - (0.03ug/ml) Analysis of HeLa lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa

**Publications**

Benetti F, Micetic I, Carsughi F et al. Insights into the oligomerization process of the C-terminal domain of human plasma membrane Ca<sup>2+</sup>-ATPase. Arch Biochem Biophys 2011-02-15 [PMID: 21126504]





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### **Products Related to NBP1-97754**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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