



## Na<sup>+</sup>/K<sup>+</sup>-ATPase α1 (phospho Ser16) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A18052	Rabbit	1 mg/ml	112 kD

<b>Applications</b>	WB,IHC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	Phospho-Na <sup>+</sup> /K <sup>+</sup> -ATPase α1 (S16) Polyclonal Antibody detects endogenous levels of Na <sup>+</sup> /K <sup>+</sup> -ATPase α1 protein only when phosphorylated at S16.
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ATPase around the phosphorylation site of Ser16. AA range:5-54
<b>Uniprot No</b>	P05023
<b>Alternative names</b>	ATP1A1; Sodium/potassium-transporting ATPase subunit alpha-1; Na(+)/K(+) ATPase alpha-1 subunit; Sodium pump subunit alpha-1
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	
<b>Conjugation</b>	
<b>Background</b>	ATPase Na <sup>+</sup> /K <sup>+</sup> transporting subunit alpha 1(ATP1A1) Homo sapiens The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of Na <sup>+</sup> /K <sup>+</sup> -ATPases. Na <sup>+</sup> /K <sup>+</sup> -ATPase is an integral membrane protein resp
<b>Other</b>	Gene_name: ATP1A1 ; Protein_name: Sodium/potassium-transporting ATPase subunit alpha-1; Expression: Brain,Cerebellum,Cervix,Placenta,Retinal pigment epithelium

### Product Images

#### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation



IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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