

Antibodies Product Datasheet

Product Name:	Na ⁺ /K ⁺ -ATPase α1 (Phospho-Ser16) Antibody
Catalog Number:	A0458
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC-p, IF(paraffin section), ELISA
Dilutions:	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Modification:	Phospho Specific
Source:	Polyclonal Rabbit
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen:	The antiserum was produced against synthesized peptide derived from human ATPase around the phosphorylation site of Ser16. AA range:5-54
Concentration:	1 mg/ml
Gene Name:	ATP1A1
Protein Name:	Sodium/potassium-transporting ATPase subunit alpha-1
Other Name:	ATP1A1; Sodium/potassium-transporting ATPase subunit alpha-1; Na(+)/K(+) ATPase alpha-1 subunit; Sodium pump subunit alpha-1
Human Swiss Prot No.:	P05023
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Specificity:	Phospho-Na ⁺ /K ⁺ -ATPase α1 (S16) Polyclonal Antibody detects endogenous levels of Na ⁺ /K ⁺ -ATPase α1 protein only when phosphorylated at S16.
Storage and Stability:	-20°C/1 year