

Anti-Phospho-ATP1A1-Ser16 antibody (1-80) (STJ90804)

STJ90804

GENERAL INFORMATION

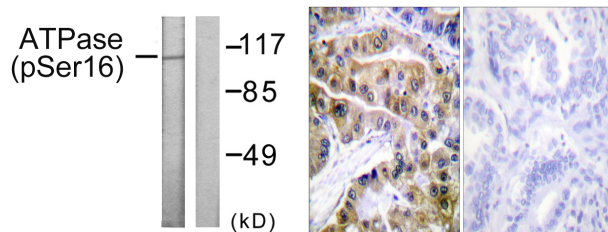
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Sodium/Potassium-Transporting Atpase Subunit Alpha-1-Ser16 (1-80) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB, IHC-P, IF-P, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	476
Gene Symbol	ATP1A1
Uniprot ID	AT1A1_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human ATPase around the phosphorylation site of Ser16 at amino acid range 5-54
Immunogen Region	1-80
Specificity	Phospho-ATP1A1-Ser16 polyclonal antibody (Sodium/Potassium-Transporting Atpase Subunit Alpha-1) binds to endogenous Sodium/Potassium-Transporting Atpase Subunit Alpha-1 at the amino acid region 1-80 only when phosphorylated at Ser16.
Immunogen Sequence	



Western blot analysis of lysates from 293 cells treated with PMA 125ng/ml 30', using ATPase (Phospho-Ser16) Antibody. The lane on the right is blocked with the phospho peptide.

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using ATPase (Phospho-Ser16) Antibody. The picture on the right is blocked with the phospho peptide.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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