

Rabbit anti-Rat ATP1 alpha1/Na+K+ ATPase1 Polyclonal Antibody | anti-Atp1a1 antibody

ATP1 alpha1/Na+K+ ATPase1 (Phospho-Ser23) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316426	Rabbit	Rat	ELISA, Immunofluorescence, Western Blot

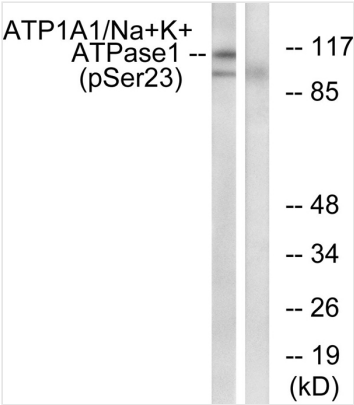
PRODUCT SYNONYMS

ATP1 alpha1/Na+K+ ATPase1; Polyclonal Antibody; ATP1 alpha1/Na+K+ ATPase1 (Phospho-Ser23) Antibody; A1A1; AT1A1; ATPase; Na+/K+ transporting; alpha 1 polypeptide; Hypothetical protein MGC38419; Na+/K+ ATPase 1; Na; K-ATPase 1; Sodium pump 1; Sodium/potassium-transporting ATPase alpha-1 chain precursor; anti-Atp1a1 antibody

PRODUCT SPECIFICATIONS

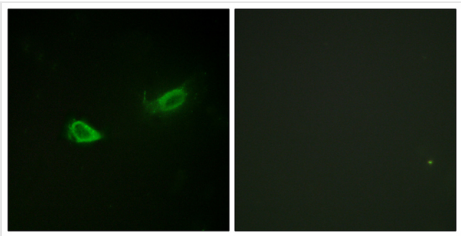
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	ATP1 alpha1/Na+K+ ATPase1 (Phospho-Ser23) Antibody detects endogenous levels of ATP1 alpha1/Na+K+ ATPase1 only when phosphorylated at Ser23.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,023
Applicable Applications for anti-Atp1a1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Target Modification	Phospho
Modification Sites	R:S23
Immunogen	The antiserum was produced against synthesized peptide derived from rat ATP1 alpha1/Na+K+ ATPase1 around the phosphorylation site of Ser23.
Immunogen Range	15-64
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from rat brain, using ATP1 alpha1/Na+K+ ATPase1 (Phospho-Ser23) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells, using ATP1 alpha1/Na+K+ ATPase1 (Phospho-Ser23) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978543
NCBI GeneID	24211
NCBI Accession #	NP_036636.1
NCBI GenBank Nucleotide #	NM_012504.1
UniProt Accession #	P06685; Q64609
Molecular Weight	113 kDa
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit alpha-1
NCBI Official Synonym Full Names	ATPase Na+/K+ transporting subunit alpha 1
NCBI Official Symbol	Atp1a1
NCBI Official Synonym Symbols	Nkaa1b
NCBI Protein Information	sodium/potassium-transporting ATPase subunit alpha-1
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit alpha-1
UniProt Gene Name	Atp1a1
UniProt Synonym Gene Names	Na(+)/K(+) ATPase alpha-1 subunit

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atp1-alpha1-nak-atpase1-antibody-immunofluorescence-western-blot-elisa/316426>