

Rabbit ATPase Polyclonal Antibody | anti-ATPase antibody

ATPase (Phospho-Ser16) Antibody

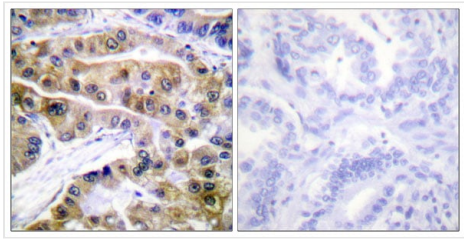
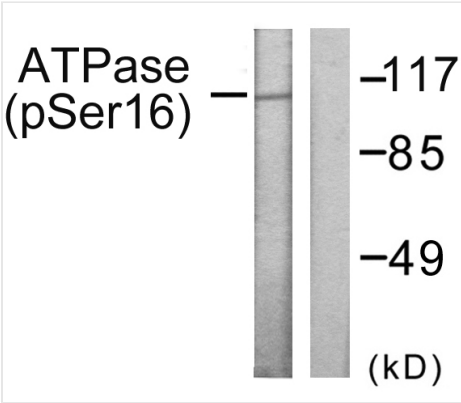
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316161	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATPase; Polyclonal Antibody; ATPase (Phospho-Ser16) Antibody; A1A1; AT1A1; 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-ATPase antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	ATPase (Phospho-Ser16) Antibody detects endogenous levels of ATPase only when phosphorylated at Ser16.
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-ATPase antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S16; M:S16; R:S16
Immunogen	The antiserum was produced against synthesized peptide derived from human ATPase around the phosphorylation site of Ser16.
Immunogen Range	May-54
Preparation and Storage	Stable at -20 degree C for at least 1 year.



NCBI GI #	21361181
NCBI GeneID	476
NCBI Accession #	NP_000692.2
NCBI GenBank Nucleotide #	NM_000701.7
UniProt Accession #	P05023 ; Q16689 ; Q6LDM4 ; Q9UCN1 ; Q9UJ20 ; Q9UJ21 ; B2RBR6 ; B7Z2T5 ; B7Z3U6 ; F5H3A1
Molecular Weight	112 kDa
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit alpha-1 isoform a
NCBI Official Synonym Full Names	ATPase Na+/K+ transporting subunit alpha 1
NCBI Official Symbol	ATP1A1
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.