

Rabbit Na⁺/K⁺-ATPase alpha1 Polyclonal Antibody | anti-ATP1A1 antibody

Na⁺/K⁺-ATPase alpha1 (Phospho-Tyr260) Antibody

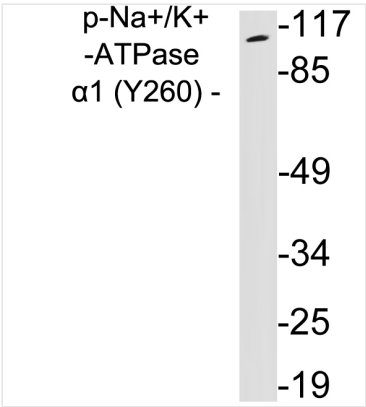
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318266	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

PRODUCT SYNONYMS

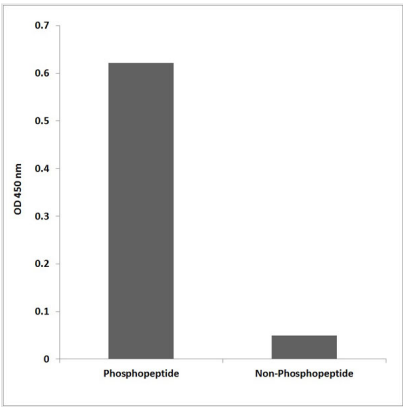
Na⁺/K⁺-ATPase alpha1; Polyclonal Antibody; Na⁺/K⁺-ATPase alpha1 (Phospho-Tyr260) Antibody; anti-ATP1A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Na ⁺ /K ⁺ -ATPase alpha1 (Phospho-Tyr260) antibody detects endogenous levels of Na ⁺ /K ⁺ -ATPase alpha1 only when phosphorylated at Tyr260.
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 (Phospho-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, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y260; M:Y260; R:Y260
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human Na ⁺ /K ⁺ -ATPase alpha1 around the phosphorylation site of Tyr260.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from 293 cells treated with PMA, using phospho-Na⁺/K⁺-ATPase alpha1 (Phospho-Tyr260) antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Na⁺/K⁺-ATPase alpha1 (Phospho-Tyr260) Antibody

NCBI AND UNIPROT INFORMATION

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/na-k-atpase-alpha1-antibody-western-blot-elisa/318266>