

Mouse ATPase, Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1) Monoclonal Antibody | anti-ATP1a1 antibody

Anti-ATPase, Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145977	Mouse	Human, Mouse, Rat, Dog, Pig, Bovine, Chicken	Western Blot

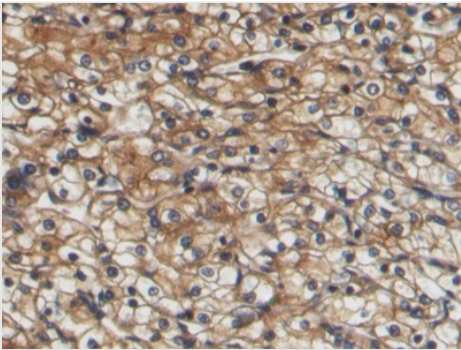
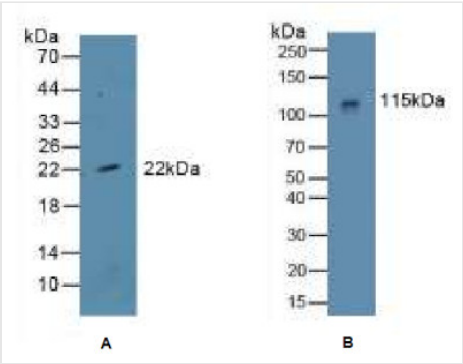
PRODUCT SYNONYMS

ATPase; Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1); Monoclonal Antibody; Anti-ATPase; Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1) Monoclonal Antibody; Sodium pump subunit alpha-1; Na (+)/K (+) ATPase alpha-1 subunit; Sodium/potassium-transporting ATPase subunit alpha-1; anti-ATP1a1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Dog, Pig, Bovine, Chicken
Clonality	Monoclonal
Clone Number	C2
Purity/Purification	Protein A/G Affinity Chromatography.
Form/Format	Liquid; Supplied as solution form in 0.01M PBS, pH 7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-ATP1a1 antibody	WB (Western Blot)
Source	Monoclonal antibody preparation
Immunogen	Recombinant ATP1a1 (His493~Ala660) expressed in E.coli.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Renal cancer Tissue

WB (Western Blot)
Figure 1. Western BlotA. Sample: Recombinant ATP1a1, HumanB. Human 293T CellsPrimary Ab:1:800 Dilution of Mouse Anti-Human ATP1a1 AbSecond Ab: 1:5000 Dilution of HRP-Linked Rabbit Anti-Mouse IgG Ab

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP1a1 antibody
Control Antibody; Signal transduction

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
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/monoclonal/atpase-na-k-transporting-alpha-1-polypeptide-atp1a1-antibody-clone-c2-western-blot-elisa/145977>