

Rabbit ATP1A1 Polyclonal Antibody | anti-ATP1A1 antibody

ATP1A1 Rabbit Polyclonal Antibody

CATALOG # AAA314107	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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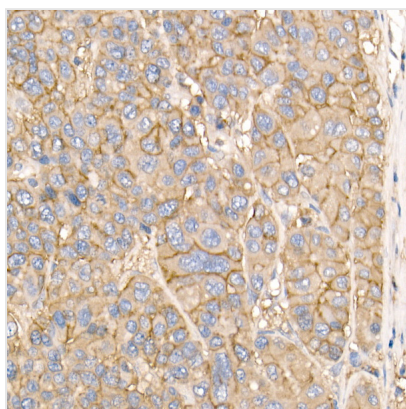
PRODUCT SYNONYMS

ATP1A1; Polyclonal Antibody; ATP1A1 Rabbit Polyclonal Antibody; ATPase Na⁺/K⁺ transporting subunit alpha 1; ATP1A; CMT2DD; HOMGSMR2; anti-ATP1A1 antibody

PRODUCT SPECIFICATIONS

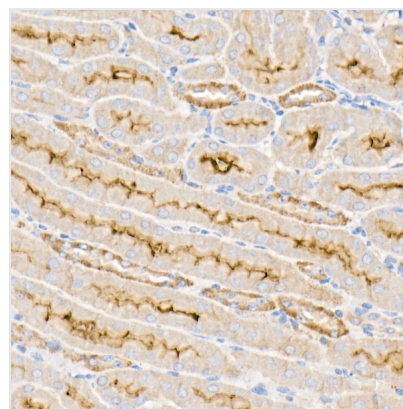
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ATP1A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Na ⁺ /K ⁺ -ATPase (NP_000692.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



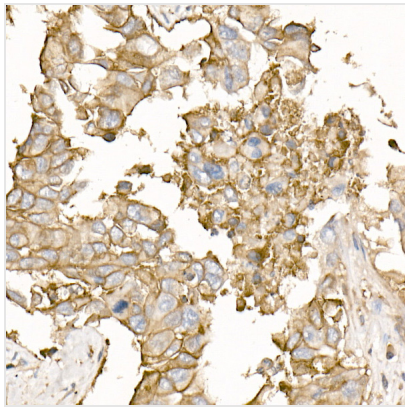
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using Na⁺/K⁺-ATPase Rabbit pAb.



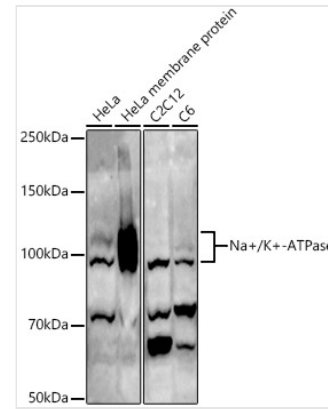
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using Na⁺/K⁺-ATPase Rabbit pAb.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using Na⁺/K⁺-ATPase Rabbit pAb.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Na⁺/K⁺-ATPase antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP1A1 antibody	The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of Na ⁺ /K ⁺ -ATPases. Na ⁺ /K ⁺ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The catalytic subunit of Na ⁺ /K ⁺ -ATPase is encoded by multiple genes. This gene encodes an alpha 1 subunit. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ATP1A1 antibody	Primary 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 ; B7Z3U6
Molecular Weight	112,896 Da
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit alpha-1 isoform a
NCBI Official Synonym Full Names	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide
NCBI Official Symbol	ATP1A1
NCBI Protein Information	sodium/potassium-transporting ATPase subunit alpha-1; sodium pump 1; Na ⁺ /K ⁺ ATPase 1; Na,K-ATPase alpha-1 subunit; sodium pump subunit alpha-1; Na ⁺ , K ⁺ ATPase alpha subunit; Na(+)/K(+) ATPase alpha-1 subunit; Na, K-ATPase, alpha-A catalytic polypeptide; s
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit alpha-1
UniProt Gene Name	ATP1A1
UniProt Synonym Gene Names	Na(+)/K(+) ATPase alpha-1 subunit
UniProt Entry Name	AT1A1_HUMAN

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/atp1a1-antibody-immunohistochemistry-western-blot-elisa/314107>