

Rabbit anti-Human ATP1A1 Polyclonal Antibody | anti-ATP1A1 antibody

ATP1A1 Antibody

CATALOG # AAA232784	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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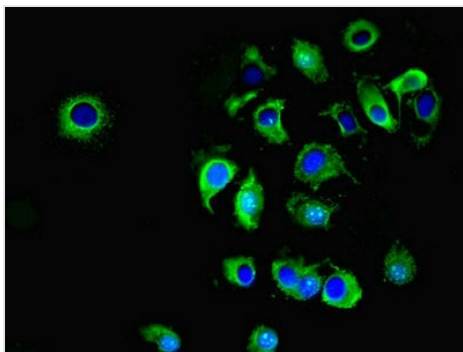
PRODUCT SYNONYMS

ATP1A1; Polyclonal Antibody; ATP1A1 Antibody; Sodium/potassium-transporting ATPase subunit alpha-1; Sodium pump subunit alpha-1; anti-ATP1A1 antibody

PRODUCT SPECIFICATIONS

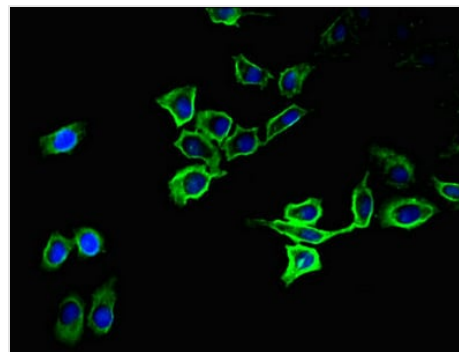
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1023
Applicable Applications for anti-ATP1A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Sodium/potassium-transporting ATPase subunit alpha-1 protein (225-407AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-16041 / sc-16043 / sc-28800 / sc-71639
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



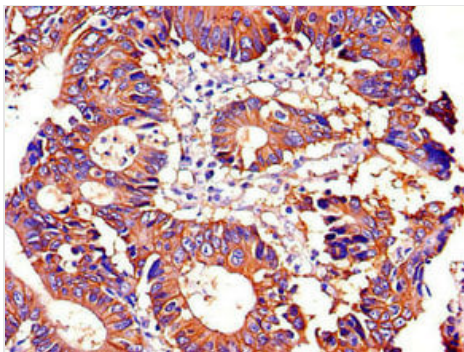
IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA232784 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



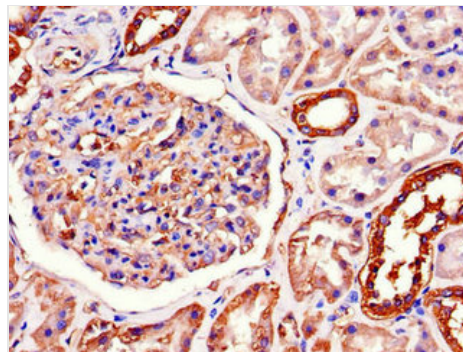
IHC (Immunohistochemistry)

Immunofluorescent analysis of A549 cells using AAA232784 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232784 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232784 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ATP1A1 antibody

This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.

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	113,000 Da
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
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-immunofluorescence-immunohistochemistry-elisa/232784>