

Goat ATP1a1 Polyclonal Antibody | anti-ATP1a1 antibody

ATP1a1 Polyclonal Antibody

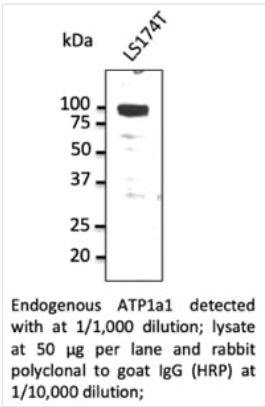
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63156	Goat	Human, Mouse, Rat, Bovine, Canine, Chicken/avian, Donkey, Feline, Goat, Guinea pig, Hamster, Horse, Porcine, Rabbit, Sheep, Simian, Monkey proteins	Western Blot

PRODUCT SYNONYMS

ATP1a1; Polyclonal Antibody; ATP1a1 Polyclonal Antibody; Anti-ATP1a1; ATPase Na⁺/K⁺ transporting subunit alpha 1and CMT2DD antibody; anti-ATP1a1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Mouse, Rat, Bovine, Canine, Chicken/avian, Donkey, Feline, Goat, Guinea pig, Hamster, Horse, Porcine, Rabbit, Sheep, Simian, Monkey proteins
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects endogenous levels of ATP1a1 by Western blot in the whole cell lysates (HeLa, LS174T, SKOV3, etc.).
Purity/Purification	Epitope affinity purified
Form/Format	Polyclonal antibody supplied as a 100ul (3mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	37
Applicable Applications for anti-ATP1a1 antibody	WB (Western Blot)
Immunogen	Purified recombinant peptide derived from within residues 100 aa to N-terminus of human ATP1a1 produced in E. coli.
Conjugation	Unconjugated
Antigen	Purified recombinant peptide derived from within residues 100 aa to N-terminus of human ATP1a1 produced in E. coli.
Handling	The antibody solution should be gently mixed before use.
Preparation and Storage	Store at -20 degree C for long-term storage. Store at 2-8 degree C for up to one month. For continuous use, store at 2-8 degree C for one-two days. For extended storage, store in -20 degree C freezer. Working dilution samples should be discarded if not used within 12 hours. Avoid freeze/thaw cycles.



Reactivity chart				
Sample	Western Blot	Immunofluorescence	Immunohistochemistry (p)	Immunohistochemistry (f)
human	+++	NO	ND	ND
rat	+++	NO	ND	ND
mouse	+++	NO	ND	ND
canine	+++	NO	ND	ND
monkey	+++	NO	ND	ND

Reactivity Data

WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ATP1a1 antibody	ATPase Na+/K+ transporting subunit alpha 1 Goat polyclonal antibody to ATP1a1. Na+/K+ -ATPase is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). This protein is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane.
References	1. Ferreira JV, Rosa Soares A, Ramalho JS, et al. PLoS One 2019 Oct. PMID:31613922

NCBI AND UNIPROT INFORMATION

NCBI GI #	1307380300
NCBI Official Full Name	ATP1A1, partial

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-western-blot-elisa/63156>