

Rabbit ATPase beta 3 Polyclonal Antibody | anti-ATPase beta 3 antibody

ATPase beta 3 antibody

CATALOG # AAA107953	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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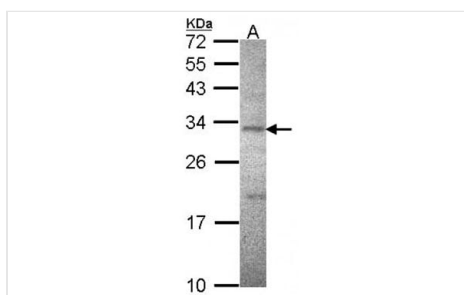
PRODUCT SYNONYMS

ATPase beta 3; Polyclonal Antibody; ATPase beta 3 antibody; Polyclonal ATPase beta 3; Anti-ATPase beta 3; sodium/potassium-dependent ATPase beta-3 subunit; CD298; ATP1B3; ATPase beta -3; sodium/potassium-dependent ATPase subunit beta-3; ATPB-3; FLJ29027; sodium/potassium-transporting ATPase beta-3 chain; anti-ATPase beta 3 antibody

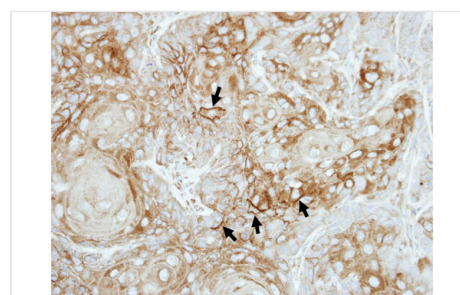
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ATPase beta 3 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.26 mg/ml (varies by lot)
Applicable Applications for anti-ATPase beta 3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	The protein encoded by this gene belongs to the family of Na ⁺ /K ⁺ and H ⁺ /K ⁺ ATPases beta chain proteins, 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 and a smaller glycoprotein subunit. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane. The glycoprotein subunit of Na ⁺ /K ⁺ -ATPase is encoded by multiple genes. This gene encodes a beta 3 subunit.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 12 % SDS PAGE gel and ATPase beta 3 antibody at a dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Ca922 xenograft using ATPase beta 3 antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ATPase beta 3 antibody	Affinity purified Rabbit polyclonal ATPase beta 3 antibody
Product Categories/Family for anti-ATPase beta 3 antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	32 kDa
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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/atpase-beta-3-antibody-western-blot-immunohistochemistry-elisa/107953>