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<b>Product name:</b>	ATP1AL1 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN07319
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Synthesized peptide derived from ATP1AL1 . at AA range: 380-460
<b>Reactivity:</b>	Human,Rat
<b>Applications:</b>	WB 1:500-1:2000,ELISA 1:10000-1:20000
<b>Molecular Weight:</b>	115kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	<p>The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This gene encodes a catalytic subunit of the ouabain-sensitive H<sup>+</sup>/K<sup>+</sup> -ATPase that catalyzes the hydrolysis of ATP coupled with the exchange of H<sup>(+)</sup> and K<sup>(+)</sup> ions across the plasma membrane. It is also responsible for potassium absorption in various tissues. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010],catalytic activity:ATP + H<sub>2</sub>O + H<sup>(+)</sup>(In) + K<sup>(+)</sup>(Out) = ADP + phosphate + H<sup>(+)</sup>(Out) + K<sup>(+)</sup>(In),function:Catalyzes the hydrolysis of ATP coupled with the exchange of H<sup>(+)</sup> and K<sup>(+)</sup> ions across the plasma membrane. Responsible for potassium absorption in various tissues.,similarity:Belongs to the cation transport ATPase (P-type) family. Type IIC subfamily.,subunit:Composed of two subunits: alpha (catalytic) and beta.,tissue specificity:Found in skin and kidney.,</p>