

产品名称: ATP1AL1 Rabbit Polyclonal Antibody
产品货号: APRab07319



产品概述 (Summary)

产品名称 (Production Name)	ATP1AL1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATP12A
别名 (Alternative Names)	ATP12A; ATP1AL1; Potassium-transporting ATPase alpha chain 2; Non-gastric H(+)/K(+) ATPase subunit alpha; Proton pump
基因 ID (Gene ID)	479.0
蛋白 ID (SwissProt ID)	P54707.Synthesized peptide derived from ATP1AL1 . at AA range: 380-460

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	115kDa

研究背景 (Background)

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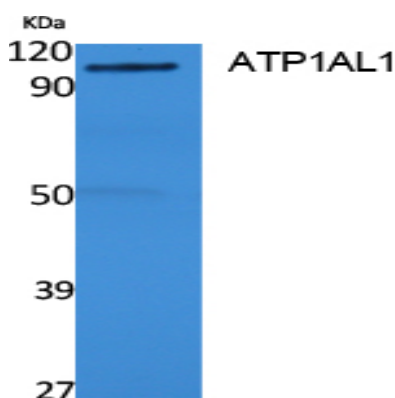


The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This gene encodes a catalytic subunit of the ouabain-sensitive H⁺/K⁺ -ATPase that catalyzes the hydrolysis of ATP coupled with the exchange of H⁽⁺⁾ and K⁽⁺⁾ ions across the plasma membrane. It is also responsible 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 + H₂O + H⁽⁺⁾(In) + K⁽⁺⁾(Out) = ADP + phosphate + H⁽⁺⁾(Out) + K⁽⁺⁾(In),,function:Catalyzes the hydrolysis of ATP coupled with the exchange of H⁽⁺⁾ and K⁽⁺⁾ 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.,

研究领域 (Research Area)

Oxidative phosphorylation;

图片 (Image Data)



Western Blot analysis of extracts from rat stomach, using ATP1AL1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .