ATP1B1 Recombinant antibody

Cat:B36256S

Company： HaoKebio

Uniprot ID:P14094

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 35 kDa

Observed Molecular Weight: 40-50 kDa

Applications: IHC:1:250-1:1000
IHC-Polymer:1:1000-1:4000
IHC-TSA:1:1200-1:5000
IF:1:50
WB:1:5000-1:50000

Background:

ATP1B1 is one of beta subunits of the Na+/K+ ATPase and responsible for formation and structural integrity of the Na+/K+ ATPase. The Na+/K+ ATPase is a plasma membrane pump consisting of alpha, beta, and gamma subunits. At least four of Na+/K+-ATPase beta subunits (β1, β2, β3, β4) have been identified in mammalian cells; the β1-subunit (ATP1B1) is the most ubiquitous. The Na+/K+ ATPase β subunits have multiple N-glycosylation sites. The predicted MW of ATP1B1 is 35 kDa, while it migrates around 40-52 kDa due to the variable glycosylation.

Synonyms:

ATP1B 1, Atp4b, Beta 1 subunit of Na(+) K(+) ATPase, Na, K-ATPase β1, Na+/K+ ATPase beta 1 subunit

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

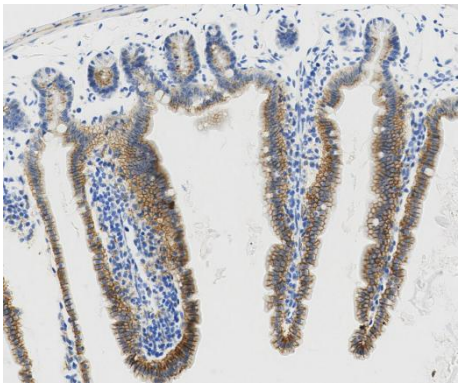
Storage:

Store at -20 ℃ for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse intestine, 4% PFA 12-24h

Source of Reagents:

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