

Product Name: ATP1B1 Rabbit Monoclonal Antibody**Catalog #: AMRe84180**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.61mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200
Molecular Weight	Calculated MW: 35 kDa ; Observed MW: 40-50 kDa

Antigen Information

Gene Name	ATP1B1
Alternative Names	Adenosinetriphosphatase; ATP1B; ATP1B1; Atpb 1; ATPBS;;ATP1B1
Gene ID	
SwissProt ID	P05026
Immunogen	A synthesized peptide derived from human ATP1B1

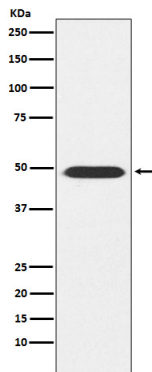
Background

This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na⁺ and K⁺ ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the

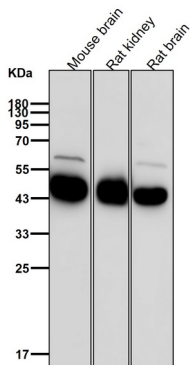
number of sodium pumps transported to the plasma membrane.

Research Area

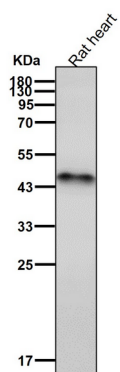
Image Data



Western blot analysis of ATP1B1 expression in Mouse brain lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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