

Product Name: ATP1B1 Rabbit Monoclonal Antibody
Catalog #: AMRe01696



Summary

Production Name	ATP1B1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	ATP1B1
Alternative Names	Adenosinetriphosphatase; ATP1B; ATP1B1; Atpb 1; ATPBS
Gene ID	481
SwissProt ID	P05026.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 35 kDa; Observed MW: 45-55 kDa

Background

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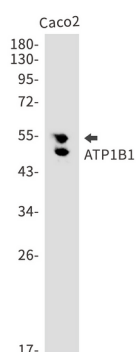


This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane.

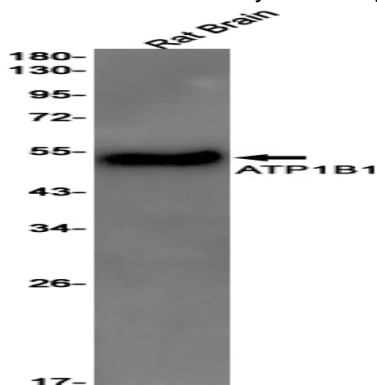
Research Area

Signal Transduction

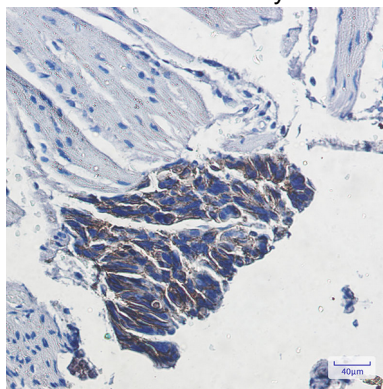
Image Data



Western blot analysis of ATP1B1 in Caco2 lysates using ATP1B1 antibody.



Western blot analysis of ATP1B1 in rat Brain lysates using ATP1B1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using ATP1B1 antibody. High-pressure and

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temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.