

Product Name: ATP1A3 (5V12) Rabbit Monoclonal Antibody**Catalog #: AMRe07318**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/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	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,IP 1:20-1:50
Molecular Weight	112kDa

Antigen Information

Gene Name	ATP1A3
Alternative Names	AHC2; Atp1a3; DYT12; RDP;
Gene ID	478.0
SwissProt ID	P13637
Immunogen	A synthetic peptide of human ATP1A3

Background

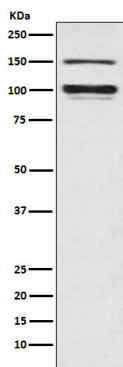
This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of

sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients. This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.

Research Area

Potassium Channels; Sodium Channels; ATPases; Cancer

Image Data



Western blot analysis of ATP1A3 expression in Rat brain lysate.