

ATP1A3 Antibody

Rabbit mAb

Catalog # AP92302

Product Information

Application	WB
Primary Accession	P13637
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	AHC2; Atp1a3; DYT12; RDP;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	111749

Additional Information

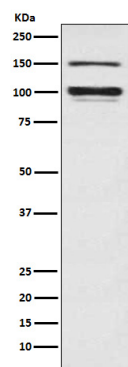
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ATP1A3
Description	This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	ATP1A3
Function	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.
Cellular Location	Cell membrane; Multi-pass membrane protein

Images

Western blot analysis of ATP1A3 expression in Rat brain lysate.



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