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ATP1A2 Rabbit mAb

Catalog # AP78480

Product Information

Application	WB
Primary Accession	P50993
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ATP1A2
Purification	Affinity Purified
Calculated MW	112265

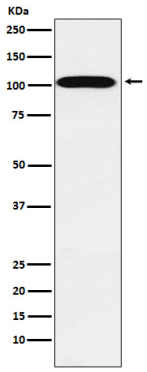
Additional Information

Gene ID	477
Other Names	ATP1A2
Dilution	WB~~1/500-1/1000
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	ATP1A2 (HGNC:800)
Synonyms	KIAA0778
Function	Catalytic subunit of the Na(+)/K(+)-ATPase that hydrolyzes ATP to exchange ions across the plasma membrane, exporting 3 Na(+) and importing 2 K(+) per cycle (PubMed:33880529). It undergoes ATP-driven conformational changes that allow alternating binding and release of Na(+) and K(+) ions across the membrane (By similarity). This process maintains essential Na(+) and K(+) gradients for membrane potential and cellular function (PubMed:33880529).
Cellular Location	Membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

Images



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