10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ATP1A2 Rabbit Monoclonal Antibody

Catalog # ABO16016

Specification

Anti-ATP1A2 Rabbit Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	P50993
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-ATP1A2 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-ATP1A2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 477

Other Names
Sodium/potassium-transporting ATPase subunit alpha-2, Na(+)/K(+) ATPase alpha-2 subunit, 7.2.2.13, Sodium pump subunit alpha-2, ATP1A2, KIAA0778

Calculated MW
102 kDa KDa

Application Details
WB 1:500-1:2000

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human ATP1A2

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-ATP1A2 Rabbit Monoclonal Antibody - Protein Information

Name ATP1A2

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Synonyms KIAA0778

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, providing the energy for active transport of various nutrients.

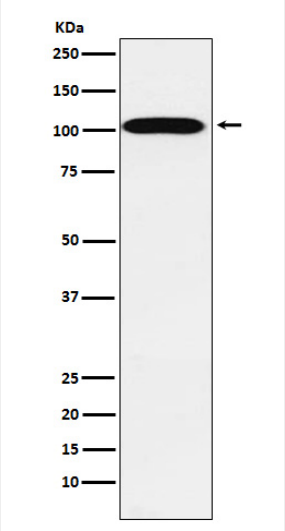
Cellular Location
Membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

Anti-ATP1A2 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-ATP1A2 Rabbit Monoclonal Antibody - Images



Western blot analysis of ATP1A2 expression in Human fetal heart lysate.