

Rabbit anti-Human ATP1B2 mAb

Catalog No.: A28978

Basic Information

Observed MW**Calculated MW**

33kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC5249

Background

The protein encoded by this gene belongs to the family of Na⁺/K⁺ and H⁺/K⁺ ATPases beta chain proteins, and to the subfamily of Na⁺/K⁺ -ATPases. Na⁺/K⁺ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane. The glycoprotein subunit of Na⁺/K⁺ -ATPase is encoded by multiple genes. This gene encodes a beta 2 subunit. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

FC 1:100-1:500

Immunogen Information

Gene ID

482

Swiss Prot

P14415

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

AMOG

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: 25mM HEPES, 150mM NaCl, 0.03% Proclin, 50% glycerol, pH8.0.