

ATP1B2 Polyclonal Antibody

Catalog No. E-AB-19563

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

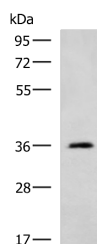
Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human ATP1B2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications

Recommended Dilution

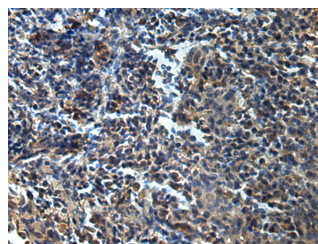
WB	1:500-1:2000
IHC	1:50-1:100

Data



Western blot analysis of Human cerebella tissue lysate using ATP1B2 Polyclonal Antibody at dilution of 1:650

Observed Mw: Refer to figures
Calculated Mw: 33 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ATP1B2 Polyclonal Antibody at dilution of 1:25 (×200)

Preparation & Storage

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

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).

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