

Datasheet for ABIN635524 **anti-ATP4b antibody (Middle Region)**



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1 Image

Overview

Quantity:	100 µL
Target:	ATP4b
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP4b antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ATP4 B antibody was raised using the middle region of ATP4 corresponding to a region with amino acids QVKYPPNGTFLHYFPYYGKKAQPHYSNPLVAAKLLNIPRNAEVAIVCK
Specificity:	ATP4 B antibody was raised against the middle region of ATP4
Purification:	Affinity purified

Target Details

Target:	ATP4b
Alternative Name:	ATP4B (ATP4b Products)
Background:	ATP4B belongs to a family of P-type cation-transporting ATPases. The gastric H ⁺ , K ⁺ -ATPase is a heterodimer consisting of a high molecular weight catalytic alpha subunit and a smaller but heavily glycosylated beta subunit. This enzyme is a proton pump that catalyzes the hydrolysis

Target Details

of ATP coupled with the exchange of H(+) and K(+) ions across the plasma membrane. It is also responsible for gastric acid secretion.

Molecular Weight: 33 kDa (MW of target protein)

Pathways: [Proton Transport](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ATP4B Blocking Peptide, catalog no. 33R-7776, is also available for use as a blocking control in assays to test for specificity of this ATP4B antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ATP0 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ATP4B antibody used at 1 ug/ml to detect target protein.