

Datasheet for ABIN7170045
anti-ATP1B1 antibody (AA 64-241) (Biotin)



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Overview

Quantity:	100 µg
Target:	ATP1B1
Binding Specificity:	AA 64-241
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP1B1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sodium/potassium-transporting ATPase subunit beta-1 protein (64-241AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATP1B1
Alternative Name:	ATP1B1 (ATP1B1 Products)
Background:	Background: This is the non-catalytic component of the active enzyme, which catalyzes the

Target Details

hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane.

Aliases: Adenosinetriphosphatase antibody, AT1B1_HUMAN antibody, ATP 1B antibody, ATP1B antibody, ATP1B1 antibody, ATPase Na+/K+ transporting beta 1 polypeptide antibody, Atpb 1 antibody, ATPBS antibody, Beta 1 subunit of Na(+) K(+) ATPase antibody, Na K ATPase beta 1 polypeptide antibody, Na+/K+ ATPase beta 1 subunit antibody, Sodium/potassium dependent ATPase beta 1 subunit antibody, Sodium/potassium transporting ATPase beta 1 chain antibody, Sodium/potassium transporting ATPase subunit beta 1 antibody, Sodium/potassium-dependent ATPase subunit beta-1 antibody, Sodium/potassium-transporting ATPase subunit beta-1 antibody

UniProt: [P05026](#)

Pathways: [Thyroid Hormone Synthesis](#), [Ribonucleoside Biosynthetic Process](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.