Datasheet for ABIN7170041

anti-ATP1A3 antibody (AA 143-278) (Biotin)

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Overview

Quantity:	100 µg
Target:	ATP1A3
Binding Specificity:	AA 143-278
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP1A3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sodium/potassium-transporting ATPase subunit alpha-3 protein (143-278AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATP1A3
Alternative Name:	ATP1A3 (ATP1A3 Products)
Background:	Background: This is the catalytic component of the active enzyme, which catalyzes the

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Target Details

	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 ions, providing the energy for active transport of various nutrients. Aliases: AHC2 antibody, Alpha(III) antibody, AT1A3_HUMAN antibody, Atp1a3 antibody, ATPase Na+/K+ transporting alpha 3 polypeptide antibody, DYT 12 antibody, DYT12 antibody, MGC13276 antibody, Na(+)/K(+) ATPase alpha(III) subunit antibody, Na(+)/K(+) ATPase alpha-3 subunit antibody, Na+/K+ ATPase 3 antibody, Na+/K+ ATPase alpha 3 subunit antibody, RDP antibody, Sodium potassium ATPase alpha 3 polypeptide antibody, Sodium pump 3 antibody, Sodium pump subunit alpha-3 antibody, Sodium/potassium transporting ATPase alpha 3 chain antibody, Sodium/potassium-transporting ATPase subunit alpha-3 antibody
UniProt:	P13637
Pathways:	Thyroid Hormone Synthesis, Proton Transport, Ribonucleoside Biosynthetic Process

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.