Datasheet for ABIN6944986

anti-ATPase (Na/K) antibody

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Overview

Quantity:	100 µL
Target:	ATPase (Na/K)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ATPase (Na/K) antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human Sodium Potassium ATPase between 1 to 100 amino acids
Clone:	13H5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ATPase (Na/K)
Alternative Name:	Sodium Potassium ATPase (ATPase (Na/K) Products)

Target Details

Background:	Synonyms: Sodium/potassium-transporting ATPase subunit alpha-1, Sodium pump subunit alpha-1, Sodium/potassium-transporting ATPase subunit beta-1, Sodium/potassium-dependent ATPase subunit beta-1, Sodium/potassium-transporting ATPase subunit alpha-4, Sodium pump subunit alpha-4, Na(+)/K(+) ATPase alpha-1 subunit, ATP1A1, ATP1B1, ATP1B, Na(+)/K(+) ATPase alpha-4 subunit, ATP1A4, ATP1AL2 Background: This is the catalytic component of the active enzyme, which catalyzes the 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.
Gene ID:	476
UniProt:	P05023

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(ICC) 1:50-200 IHC()
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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