Datasheet for ABIN6243041

anti-ATPase (Na/K) antibody (AA 12-46)

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1 Image

Overview

Quantity:	200 µL
Target:	ATPase (Na/K)
Binding Specificity:	AA 12-46
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATPase (Na/K) antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NaK ATPase antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 12-46 amino acids from human NaK ATPase.
Clone:	RB55974
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ATPase (Na/K)
Alternative Name:	NaK ATPase (ATPase (Na/K) Products)
Background:	This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP

Target Details

	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.
Molecular Weight:	112896
UniProt:	P05023

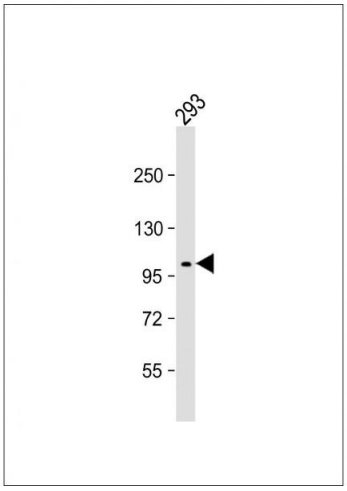
Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Western Blotting

Image 1. Anti-NaK ATPase Antibody at 1:2000 dilution + 293 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 113 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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