Datasheet for ABIN7630517

anti-ATP4A antibody (Biotin)

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Overview

Quantity:	1 mL
Target:	ATP4A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP4A antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Biotin-Linked Polyclonal Antibody to ATPase, H+/K+ Exchanging Alpha Polypeptide (ATP4a)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATP4a. It has been selected for its ability to recognize ATP4a in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ATP4A
Alternative Name:	ATPase, H+/K+ Exchanging Alpha Polypeptide (ATP4A Products)
Background:	Gastric H,K-ATPase Alpha Subunit, H(+)-K(+)-ATPase Alpha Subunit, Proton Pump, Potassium-transporting ATPase alpha chain 1

Target Details

UniProt:	Q53FM3
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL,1:250-2500 Immunohistochemistry: 5-20 µg/mL,1:25-100 Immunocytochemistry: 5-20 µg/mL,1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.