

Datasheet for ABIN7444670
anti-ATP1A1 antibody (AA 493-660)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	ATP1A1
Binding Specificity:	AA 493-660
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to ATPase, Na ⁺ /K ⁺ Transporting Alpha 1 Polypeptide (ATP1a1)
Immunogen:	Recombinant ATPase, Na ⁺ /K ⁺ Transporting Alpha 1 Polypeptide (ATP1a1) corresponding to His493~Ala660 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATP1a1. It has been selected for its ability to recognize ATP1a1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

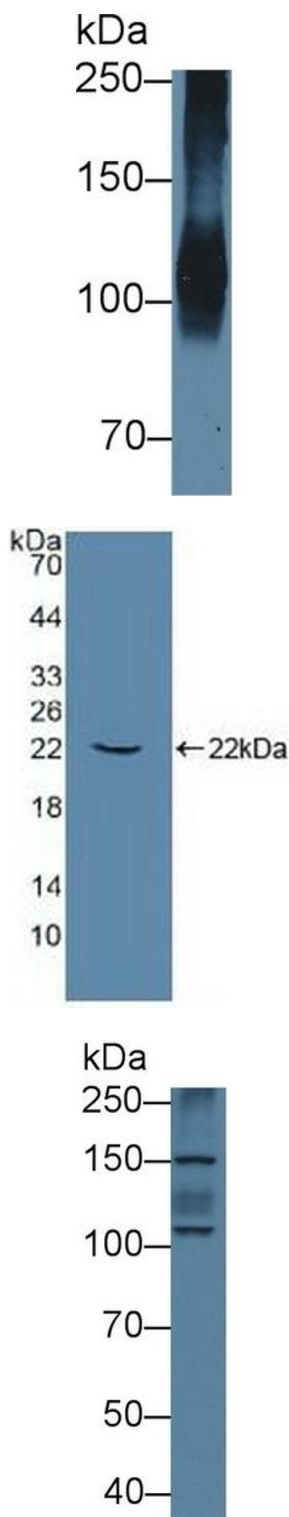
Target:	ATP1A1
Alternative Name:	ATPase, Na ⁺ /K ⁺ Transporting Alpha 1 Polypeptide (ATP1A1 Products)
Background:	Sodium pump subunit alpha-1, Na ⁽⁺⁾ /K ⁽⁺⁾ ATPase alpha-1 subunit, Sodium/potassium-transporting ATPase subunit alpha-1
Pathways:	Thyroid Hormone Synthesis , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Proton Transport , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
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:	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.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of ATP1a1 in Porcine Cerebrum lysate using Polyclonal Antibody to ATPase, Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1)

Western Blotting

Image 2. Detection of Recombinant ATP1a1, Human using Polyclonal Antibody to ATPase, Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1)

Western Blotting

Image 3. Detection of ATP1a1 in Human 293T cell lysate using Polyclonal Antibody to ATPase, Na⁺/K⁺ Transporting Alpha 1 Polypeptide (ATP1a1)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7444670.