

Datasheet for ABIN7436264
anti-ATP2B2 antibody (AA 417-830)

3 Images

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Overview

Quantity:	100 µL
Target:	ATP2B2
Binding Specificity:	AA 417-830
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to ATPase, Ca ⁺⁺ Transporting, Plasma Membrane 2 (ATP2B2)
Immunogen:	Recombinant ATPase, Ca ⁺⁺ Transporting, Plasma Membrane 2 (ATP2B2) corresponding to Ala417~Ile830 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATP2B2. It has been selected for its ability to recognize ATP2B2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

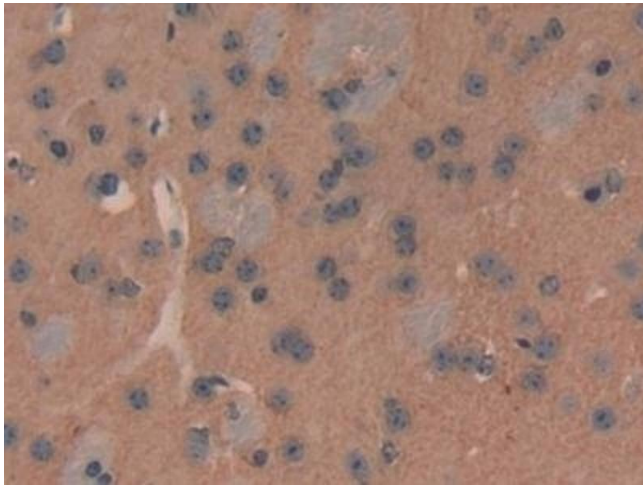
Target:	ATP2B2
Alternative Name:	ATPase, Ca ⁺⁺ Transporting, Plasma Membrane 2 (ATP2B2 Products)
Background:	PMCA2, Plasma Membrane Ca ²⁺ Pump 2, Plasma Membrane Calcium-Transporting ATPase 2
Pathways:	Sensory Perception of Sound , Regulation of Cell Size , Ribonucleoside Biosynthetic Process

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

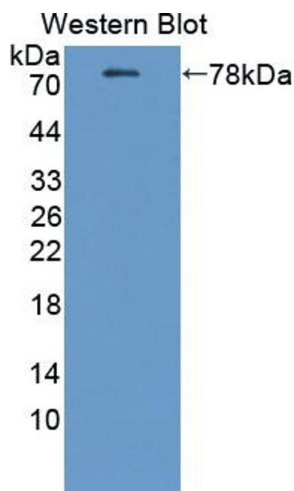
Handling

Format:	Liquid
Buffer:	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.
Expiry Date:	24 months



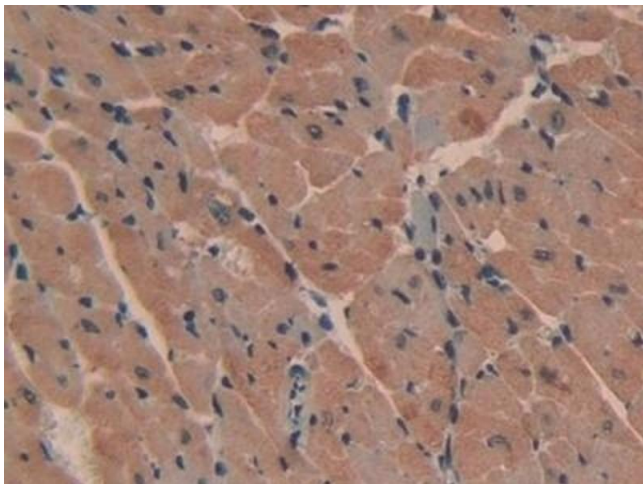
Immunohistochemistry

Image 1. Detection of ATP2B2 in Mouse Cerebrum Tissue using Polyclonal Antibody to ATPase, Ca⁺⁺ Transporting, Plasma Membrane 2 (ATP2B2)



Western Blotting

Image 2. Detection of Recombinant ATP2B2, Mouse using Polyclonal Antibody to ATPase, Ca⁺⁺ Transporting, Plasma Membrane 2 (ATP2B2)



Immunohistochemistry

Image 3. Detection of ATP2B2 in Mouse Heart Tissue using Polyclonal Antibody to ATPase, Ca⁺⁺ Transporting, Plasma Membrane 2 (ATP2B2)