

## Datasheet for ABIN7635188 **anti-ATP2B4 antibody**



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### Overview

Quantity:	100 µL
Target:	ATP2B4
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2B4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

### Product Details

Purpose:	Polyclonal Antibody to ATPase, Ca <sup>++</sup> Transporting, Plasma Membrane 4 (ATP2B4)
Immunogen:	RPG379Ra01 Recombinant ATPase, Ca <sup>++</sup> Transporting, Plasma Membrane 4 (ATP2B4)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATP2B4. It has been selected for its ability to recognize ATP2B4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

### Target Details

Target:	ATP2B4
Alternative Name:	ATP2B4 ( <a href="#">ATP2B4 Products</a> )

## Target Details

Background: ATP2B2, MXRA1, PMCA4, Matrix-Remodelling Associated 1, Plasma Membrane Calcium-Transporting ATPase 4, Plasma membrane calcium pump isoform 4

UniProt: [Q64542](#)

Pathways: [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

Concentration: 500 µg/mL

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.