

Datasheet for ABIN7042956

anti-ATP2B2 antibody (2nd Cytoplasmic Loop)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	ATP2B2
Binding Specificity:	2nd Cytoplasmic Loop, AA 522-536
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KEIPDPSSINAKTLE, corresponding to amino acid residues 522-536 of rat PMCA2
Isotype:	IgG
Characteristics:	Anti-PMCA2 Antibody is directed against an epitope of rat PMCA2. Anti-PMCA2 Antibody (ABIN7042956 and ABIN7044143)) can be used in western blot analysis and has been designed to recognize PMCA2 from mouse, rat and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	ATP2B2
Alternative Name:	PMCA2 (ATP2B2 Products)

Target Details

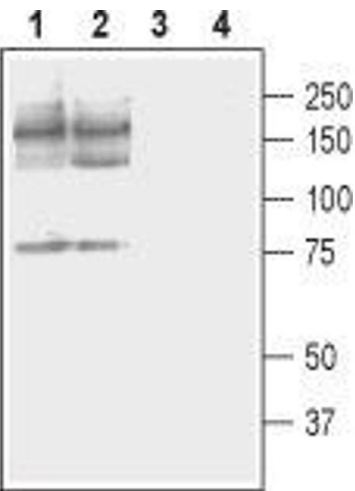
Background:	Alternative names: PMCA2, Plasma membrane Ca ²⁺ ATPase 2, ATP2B2
Gene ID:	24215
NCBI Accession:	NM_001683
UniProt:	P11506
Pathways:	Sensory Perception of Sound , Regulation of Cell Size , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain membranes: - 1,2. Anti-PMCA2 Antibody (ABIN7042956 and ABIN7044143), (1:400).3,4. Anti-PMCA2 Antibody, preincubated with PMCA2 Blocking Peptide (#BLP-CP002).