Datasheet for ABIN7255153

anti-ATP2B4 antibody

1 Image

Go to Product page

Overview

Quantity:	200 µL
Target:	ATP2B4
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2B4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human ATP2B4 (NP_001675.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ATP2B4
Alternative Name:	ATP2B4 (ATP2B4 Products)
Background:	The protein encoded by this gene belongs to the family of P-type primary ion transport ATPases characterized by the formation of an aspartyl phosphate intermediate during the reaction cycle. These enzymes remove bivalent calcium ions from eukaryotic cells against very large concentration gradients and play a critical role in intracellular calcium homeostasis. The

Copyright antibodies-online. All rights reserved.

Target Details

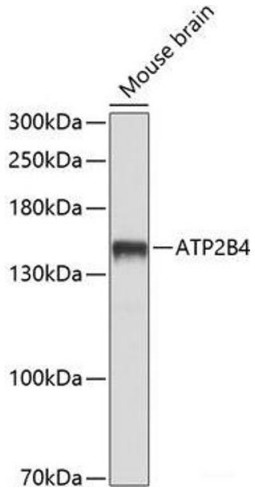
	mammalian plasma membrane calcium ATPase isoforms are encoded by at least four separate genes and the diversity of these enzymes is further increased by alternative splicing of transcripts. The expression of different isoforms and splice variants is regulated in a developmental, tissue- and cell type-specific manner, suggesting that these pumps are functionally adapted to the physiological needs of particular cells and tissues. This gene encodes the plasma membrane calcium ATPase isoform 4. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Weight:	Observed_MW: 138 kDa Calculated_MW: 124-137 kDa
Gene ID:	493
UniProt:	P23634
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB 1:1000-1:4000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse brain using ATP2B4 Polyclonal Antibody at dilution of 1:1000.

 Copyright antibodies-online. All rights reserved.