

Datasheet for ABIN7635186 **anti-ATP2A2 antibody**



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Overview

Quantity:	100 µL
Target:	ATP2A2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATP2A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to ATPase, Ca ⁺⁺ Transporting, Cardiac Muscle, Slow Twitch 2 (ATP2A2)
Specificity:	The antibody is a mouse monoclonal antibody raised against ATP2A2. It has been selected for its ability to recognize ATP2A2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ATP2A2
Alternative Name:	ATP2A2 (ATP2A2 Products)
Background:	ATP2B, DAR, SERCA2, Calcium pump 2, Endoplasmic reticulum class 1/2 Ca(2+) ATPase, Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle
UniProt:	P16615

Target Details

Pathways: [Myometrial Relaxation and Contraction](#), [ER-Nucleus Signaling](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200 Immunocytochemistry: 5-20 µg/mL, 1:50-200 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: 1 mg/mL

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.