

Datasheet for ABIN7168601

anti-ATP2A2 antibody (AA 314-756) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ATP2A2
Binding Specificity:	AA 314-756
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2A2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 protein (314-756AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATP2A2
Alternative Name:	ATP2A2 (ATP2A2 Products)
Background:	Background: This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with

Target Details

the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen. Isoform 2 is involved in the regulation of the contraction/relaxation cycle.

Aliases: AT2A2_HUMAN antibody, Atp2a2 antibody, ATP2B antibody, ATPase Ca⁺⁺ transporting cardiac muscle slow twitch 2 antibody, Calcium pump 2 antibody, Calcium-transporting ATPase sarcoplasmic reticulum type antibody, Calcium-transporting ATPase sarcoplasmic reticulum type slow twitch skeletal muscle isoform antibody, Cardiac Ca²⁺ ATPase antibody, DAR antibody, DD antibody, Endoplasmic reticulum class 1/2 Ca(2+) ATPase antibody, MGC45367 antibody, Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 antibody, SERCA 2 antibody, SERCA2 antibody, serca2a antibody, slow twitch skeletal muscle isoform antibody, SR Ca(2+)-ATPase 2 antibody

UniProt:	P16615
Pathways:	Myometrial Relaxation and Contraction , ER-Nucleus Signaling , Ribonucleoside Biosynthetic Process

Application Details

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

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.