

Datasheet for ABIN6986232

anti-ATP2A3 antibody (AA 101-200) (Cy7)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ATP2A3
Binding Specificity:	AA 101-200
Reactivity:	Human, Xenopus laevis, Xenopus tropicalis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2A3 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SERCA3
Isotype:	IgG
Cross-Reactivity:	Human, Xenopus laevis, Xenopus tropicalis
Predicted Reactivity:	Mouse,Cow,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ATP2A3
Alternative Name:	SERCA3 (ATP2A3 Products)

Target Details

Background:	Synonyms: Adenosine triphosphatase calcium, AT2A3_HUMAN, Atp2a3, ATPase Ca(2+) transporting ubiquitous, ATPase Ca++ transporting ubiquitous, Calcium pump 3, Calcium translocating P type ATPase, Sarco/endoplasmic reticulum Ca2+ ATPase, Sarcoplasmic/endoplasmic reticulum calcium ATPase 3, SERCA 3, SERCA3, SERCA3b, SR Ca(2+) ATPase 3, SR Ca(2+)-ATPase 3 Background: This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium. Transports calcium ions from the cytosol into the sarcoplasmic/endoplasmic reticulum lumen. Contributes to calcium sequestration involved in muscular excitation/contraction.
Gene ID:	489
UniProt:	Q93084
Pathways:	Myometrial Relaxation and Contraction , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months