

Datasheet for ABIN7606948

Recombinant anti-ATP2A2 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	ATP2A2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ATP2A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	SERCA2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human SERCA2
Isotype:	IgG
Specificity:	SERCA2 Antibody detects endogenous levels of total SERCA2
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	ATP2A2
---------	--------

Target Details

Alternative Name:	SERCA2 (ATP2A2 Products)
Background:	SERCA2, Calcium pump 2, ATP2B,
Molecular Weight:	110,140kDa
UniProt:	P16615
Pathways:	Myometrial Relaxation and Contraction , ER-Nucleus Signaling , Ribonucleoside Biosynthetic Process

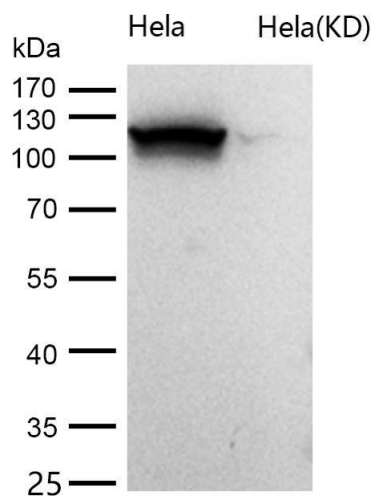
Application Details

Application Notes:	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
Restrictions:	For Research Use only

Handling

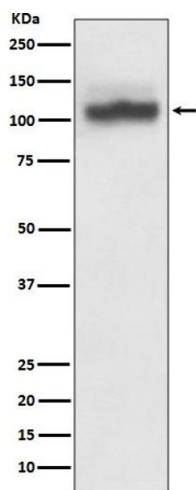
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen. Isoform 2 is involved in the regulation of the contraction/relaxation cycle.



Western Blotting

Image 2. Western blot analysis of SERCA2 expression in HeLa cell lysate.