

SERCA2,ATP2A2 Monoklonaler Antikörper

Katalog-Nr.:67248-1-Ig **5 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 67248-1-Ig	GenBank-Zugangsnummer: BC035588	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von488 Nanodrop und 601 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	CloneNo.: 1F11A11 Empfohlene Verdünnungen: WB 1:3000-1:20000 IHC 1:250-1:1000 IF 1:200-1:800
Wirt: Maus	Berechnete Masse: 1042 aa, 115 kDa	
Isotyp: IgG1	Beobachtete Masse: 120 kDa	
Immunogen Katalognummer: AG5052		

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: WB	WB : HEK-293-Zellen, HepG2-Zellen, MCF-7-Zellen, NIH/3T3-Zellen
Getestete Reaktivität: Human, Maus, Ratte	IHC : humanes Urothelkarzinomgewebe, Maus- Skelettmuskelgewebe
Zitierte Arten: Human, Maus, Ratte	IF : MCF-7-Zellen,
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

ATP2A2, also known as SERCA2 (Sarco/endoplasmic reticulum-type calcium transport ATPase 2), is a 110 kDa magnesium-dependent enzyme catalyzing the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen. Human SERCA2 gene gives rise to several alternatively spliced isoforms: SERCA2a, SERCA2b and SERCA2c. SERCA2a and SERCA2c are mainly expressed in cardiac muscle, while SERCA2b is ubiquitously expressed in all cell types.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yu Chen	34592660	Cell Calcium	WB
Huan Wei	25200835	J Cell Physiol	WB
Jin-Young Yoon	35872650	Clin Transl Med	WB

Lagerung

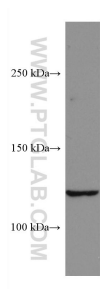
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

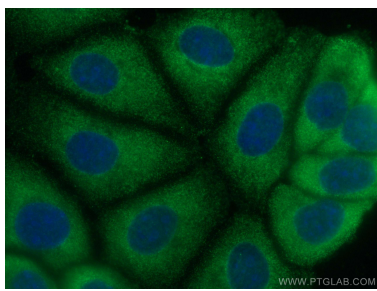
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free)
in USA, or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

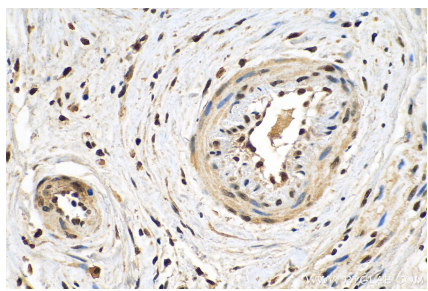
Ausgewählte Validierungsdaten



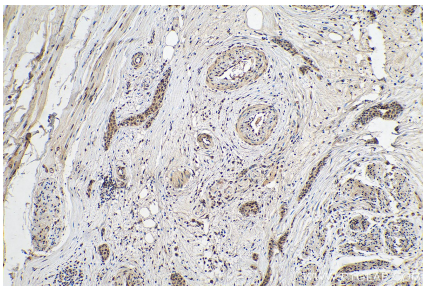
HEK-293 cells were subjected to SDS PAGE followed by western blot with 67248-1-Ig (SERCA2,ATP2A2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



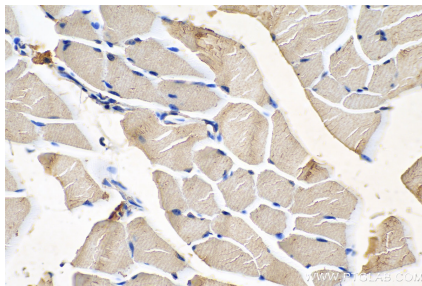
Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using SERCA2,ATP2A2 antibody (67248-1-Ig, Clone: 1F11A11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



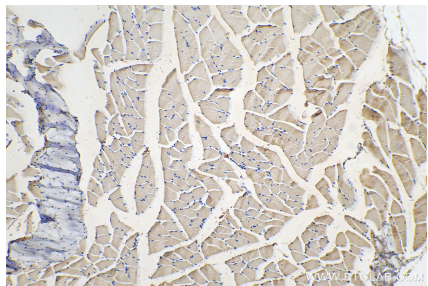
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 67248-1-Ig (SERCA2,ATP2A2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 67248-1-Ig (SERCA2,ATP2A2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 67248-1-Ig (SERCA2,ATP2A2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 67248-1-Ig (SERCA2,ATP2A2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).