

À des fins de recherche uniquement

Anticorps Monoclonal anti-SERCA2,ATP2A2



Numéro de catalogue: 67248-1-Ig **7 Publications**

Informations de base

Numéro de catalogue: 67248-1-Ig	Numéro d'acquisition GenBank: BC035588	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 601 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 488	CloneNo.: 1F11A11
Hôte: Mouse	Nom complet: ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	Dilutions recommandées: WB 1:3000-1:20000 IHC 1:250-1:1000 IF 1:200-1:800
Isotype: IgG1	MW calculé: 1042 aa, 115 kDa	
Immunogen Catalog Number: AG5052	MW observés: 120 kDa	

Applications

Applications testées: IF, IHC, WB, ELISA	Contrôles positifs:
Demandes citées: IF, WB	WB : cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules MCF-7, cellules NIH/3T3
Spécificité de l'espèce: Humain, rat, souris	IHC : tissu de carcinome urothélial humain, tissu de muscle squelettique de souris
Espèces citées: Humain, rat, souris	IF : cellules MCF-7,
Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.	

Informations générales

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.

Publications notables

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

Stockage

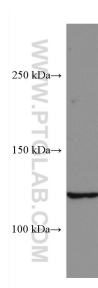
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

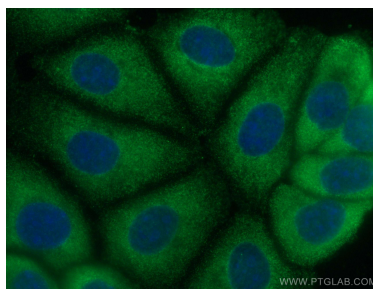
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

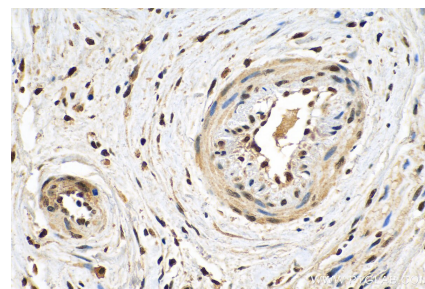
Données de validation sélectionnées



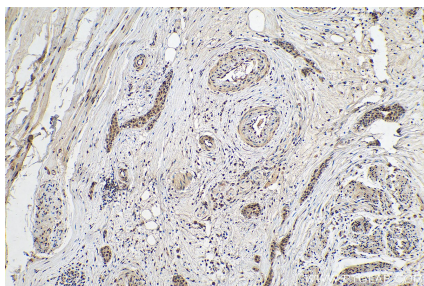
HEK-293 cells were subjected to SDS PAGE followed by western blot with 67248-1-Ig (SERCA2,ATP2A2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



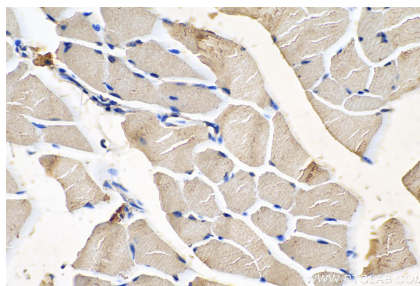
Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using SERCA2,ATP2A2 antibody (67248-1-Ig, Clone: 1F11A11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



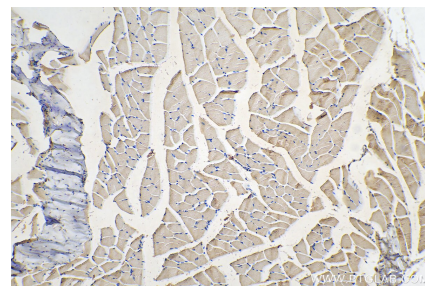
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 67248-1-Ig (SERCA2,ATP2A2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).