

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TNNC1



Numéro de catalogue: 13504-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:

13504-1-AP

Numéro d'acquisition GenBank:

BC030244

Méthode de purification:

Purification par affinité contre l'antigène

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop and 573 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

7134

Nom complet:

troponin C type 1 (slow)

Dilutions recommandées:

WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF

Hôte:

Lapin

MW calculé

161 aa, 18 kDa

Isotype:

IgG

MW observés:

18 kDa

Immunogen Catalog Number:

AG4339

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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.

Contrôles positifs:

WB : tissu de muscle squelettique de souris, tissu d'estomac humain

IP : tissu cardiaque de souris,

IHC : tissu de muscle squelettique humain, tissu de muscle squelettique de souris

IF : U2OS,

Informations générales

Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein encoded by this gene. TnC plays an important role in excitation-contraction coupling and is the primary target of compounds such as levosimendan that augment Ca²⁺ responsiveness of the thin filament.

Publications notables

Autrice	Pubmed ID	Journal	Application
Magdalena A Cichewicz	30037979	Mol Cell Biol	WB
Xian Ye	32946432	Med Sci Monit	WB
Fan Ma	33116603	Onco Targets Ther	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.

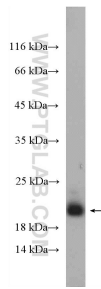
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

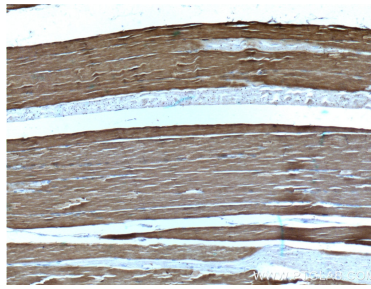
E: proteintech@ptglab.com
W: ptglab.com

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

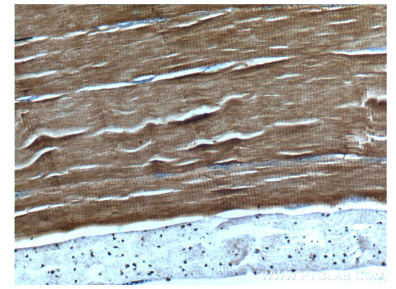
Données de validation sélectionnées



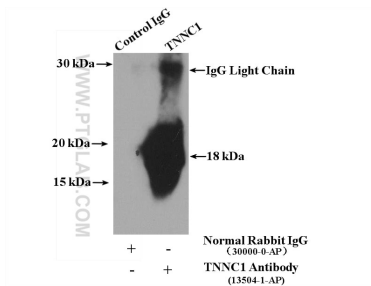
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 13504-1-AP (TNNC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



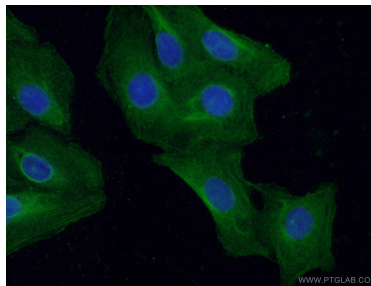
Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 13504-1-AP (TNNC1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 13504-1-AP (TNNC1 Antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-TNNC1 (IP:13504-1-AP, 4ug; Detection:13504-1-AP 1:600) with mouse heart tissue lysate 4400ug.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 13504-1-AP (TNNC1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).