

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Thymosin beta 4



Numéro de catalogue: 19850-1-AP

Phare

13 Publications

Informations de base

Numéro de catalogue:

19850-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG13914

Numéro d'acquisition GenBank:

BC001631

Identification du gène (NCBI):

7114

Nom complet:

thymosin beta 4, X-linked

MW calculé

63 aa, 7 kDa

MW observés:

5 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:400-1:1600

Applications

Applications testées:

IF, IHC, IP, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, poulet, souris

Contrôles positifs:

IP : tissu de muscle squelettique de souris,

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

IF : tissu cardiaque de souris,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

Thymosin beta 4 (Tβ4), encoded by TMSB4X gene, is an actin sequestering protein which plays an important role in the organization of the cytoskeleton. Numerous studies have demonstrated the effects of Tβ4 on cell migration, proliferation, apoptosis and inflammation after exogenous treatment (PMID: 22652458). Recently, novel findings provided compelling evidence that Tβ4 played a key role in facilitating tumor metastasis and angiogenesis. It has been found that Tβ4 expressed increasingly in a number of metastatic tumors, thus providing a potential target of opportunity for cancer management, especially for cancer metastasis therapy (PMID: 22856429).

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoyi Zhang	36131066	Cancer Gene Ther	IHC,IF
Weilin Pu	34663816	Nat Commun	IHC
Kazuyuki Tanaka	26459590	Biochem Biophys Res Commun	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.

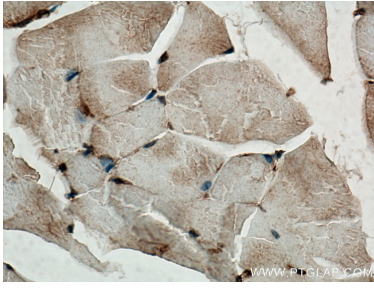
For technical support and original validation data for this product please contact:

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

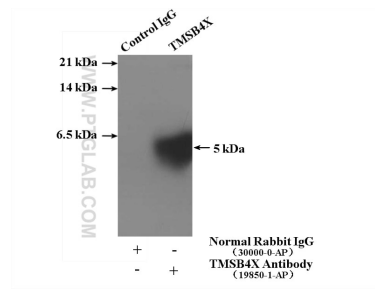
E: proteintech@ptglab.com
W: ptglab.com

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

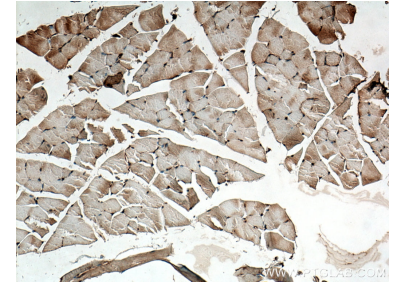
Données de validation sélectionnées



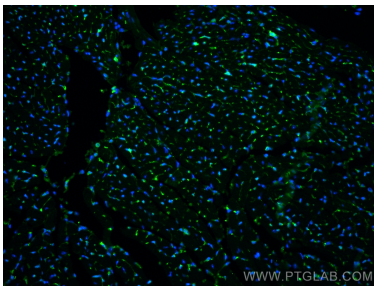
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 19850-1-AP (TMSB4X antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



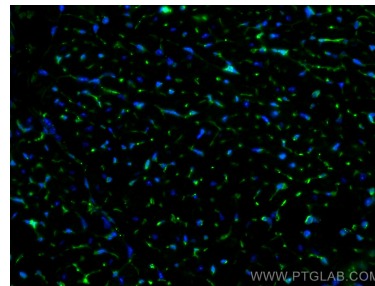
IP Result of anti-TMSB4X (IP:19850-1-AP, 4ug; Detection:19850-1-AP 1:300) with mouse skeletal muscle tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 19850-1-AP (TMSB4X antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using Thymosin beta 4 antibody (19850-1-AP) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using Thymosin beta 4 antibody (19850-1-AP) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).