

Nur für Forschungszwecke

Thymosin beta 4 Polyklonaler Antikörper



Katalog-Nr.: 19850-1-AP

Vorgestelltes Produkt

11 Publikationen

Allgemeine Informationen

Katalog-Nr.: 19850-1-AP	GenBank-Zugangsnummer: BC001631	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 7114	Empfohlene Verdünnungen: WB 1:1000-1:4000 IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: thymosin beta 4, X-linked	IHC 1:50-1:500 IF 1:400-1:1600
Isotyp: IgG	Berechnete Masse: 63 aa, 7 kDa	
Immunogen Katalognummer: AG13914	Beobachtete Masse: 5 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Huhn, Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : humanes Skelettmuskelgewebe,

IP : Maus-Skelettmuskelgewebe,

IHC : Maus-Skelettmuskelgewebe, Maus-Kolongewebe

IF : Mausherzgewebe,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

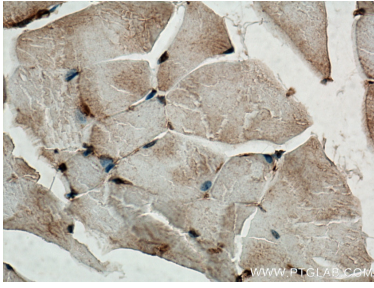
For technical support and original validation data for this product please contact:

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

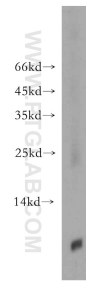
E: proteintech@ptglab.com
W: ptglab.com

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

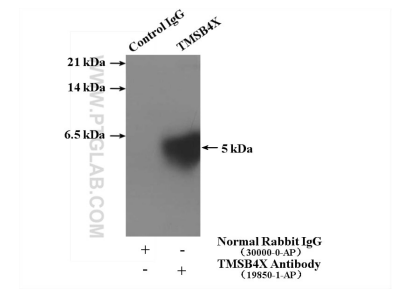
Ausgewählte Validierungsdaten



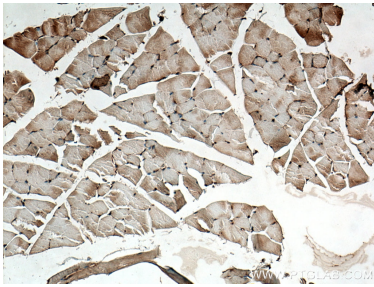
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 19850-1-AP (TMSB4X antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



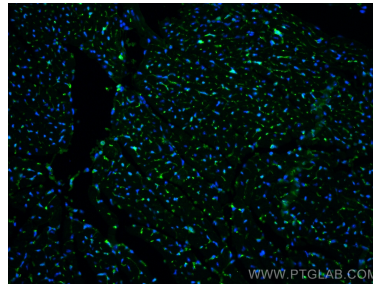
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 19850-1-AP (TMSB4X antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



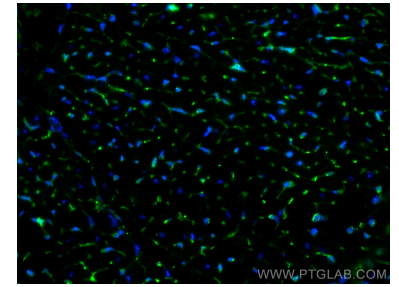
IP Result of anti-TMSB4X (IP:19850-1-AP, 4ug; Detection:19850-1-AP 1:300) with mouse skeletal muscle tissue lysate 4000ug.



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).