

À des fins de recherche uniquement

Anticorps Monoclonal anti-TPM4

Numéro de catalogue: 67244-1-Ig

Phare

1 Publications



Informations de base

Numéro de catalogue: 67244-1-Ig	Numéro d'acquisition GenBank: BC037576	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7171	CloneNo.: 2E12D12
Hôte: Mouse	Nom complet: tropomyosin 4	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:1000-1:4000
Isotype: IgG1	MW calculé: 248 aa, 29 kDa	
Immunogen Catalog Number: AG6947	MW observés: 32-35 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

Espèces citées:

Humain

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 rat, cellules A549, cellules HeLa, cellules HepG2, cellules HT-29, tissu cardiaque de lapin, tissu cardiaque de porc, tissu cardiaque de rat, tissu cardiaque de souris, tissu cardiaque humain, tissu de muscle squelettique de lapin, tissu de muscle squelettique de souris

IHC : tissu cardiaque de souris, tissu cardiaque de rat

Informations générales

TPM4 is a member of tropomyosins (TPMs), a multi-gene family of actin-binding proteins present in all eukaryotic cells. In muscle, TPMs are responsible for mediating contraction via regulation of the actin-myosin interaction. As to non-muscle cells, its proposed role is to stabilize the actin filaments by modulating the interaction with proteins that are responsible for the regulation of actin dynamics. The form of TPM4 in muscle has a higher molecular weight than the form found in non-muscle cells.

Publications notables

Autrice	Pubmed ID	Journal	Application
Rie Karasawa	37144941	Rheumatology (Oxford)	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.

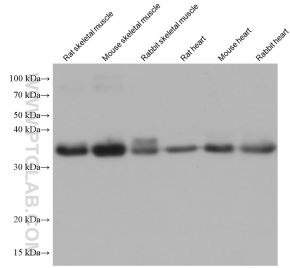
For technical support and original validation data for this product please contact:

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

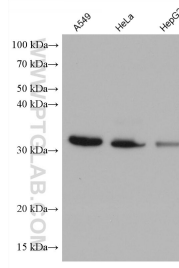
E: proteintech@ptglab.com
W: ptglab.com

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

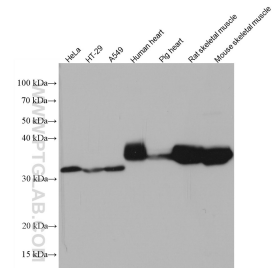
Données de validation sélectionnées



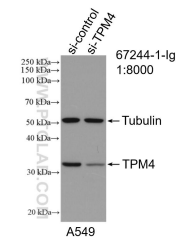
Various lysates were subjected to SDS PAGE followed by western blot with 67244-1-Ig (TPM4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



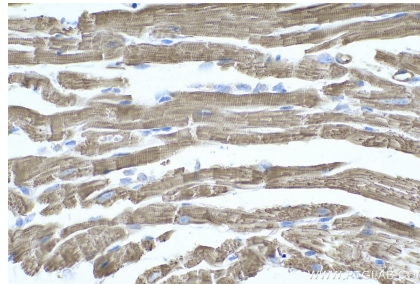
Various lysates were subjected to SDS PAGE followed by western blot with 67244-1-Ig (TPM4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



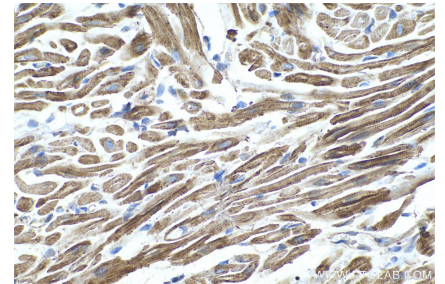
Various lysates were subjected to SDS PAGE followed by western blot with 67244-1-Ig (TPM4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of TPM4 antibody (67244-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with si-Control and sh-TPM4 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 67244-1-Ig (TPM4 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 67244-1-Ig (TPM4 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).