

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TPM4



Numéro de catalogue: 13741-1-AP

Phare

5 Publications

Informations de base

| | | |
|--|---|---|
| Numéro de catalogue: 13741-1-AP | Numéro d'acquisition GenBank: BC037576 | Méthode de purification: Purification par affinité contre l'antigène |
| Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI): 7171 | Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200 |
| Hôte: Lapin | Nom complet: tropomyosin 4 | |
| Isotype: IgG | MW calculé: 248 aa, 29 kDa | |
| Immunogen Catalog Number: AG4679 | MW observés: 32-35 kDa | |

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu de muscle squelettique de souris, cellules HeLa, tissu de muscle squelettique de rat

IHC : tissu de cancer de l'endomètre humain,

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

TPM4, also named as TM30p1, Tropomyosin 4, Tropomyosin alpha 4 chain. This gene is one gene type of tropomyosin isoforms and encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosin is a major regulatory protein of cytoskeleton and is localized along actin filaments modulating the interaction of actin and myosin (PubMed: 26315888, PubMed: 32638329). In addition, TPM4 has been reported as an oncoprotein in several malignancies (PubMed: 37459535). The calculated molecular weight of TPM4 is usually approximately 28 kDa. It may have two isoforms: the short 30-kDa isoform (TPM4.2) and the long 38-kDa isoform (TPM4.1) (PubMed: 28134622).

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|--------------|-----------|-------------------|-------------|
| Jingjing Dai | 32801739 | Onco Targets Ther | WB |
| Linjing Li | 33390785 | Int J Med Sci | WB,IHC |
| Q Zhou | 30739146 | Osteoporos Int | 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.

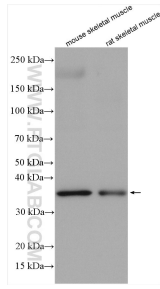
For technical support and original validation data for this product please contact:

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

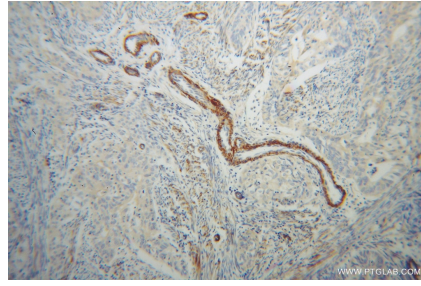
E: proteintech@ptglab.com
W: ptglab.com

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

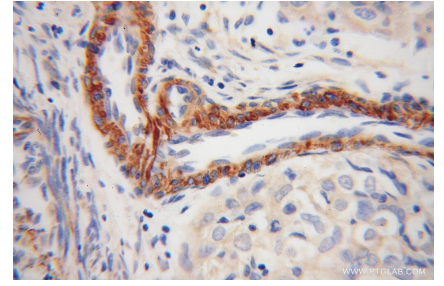
Données de validation sélectionnées



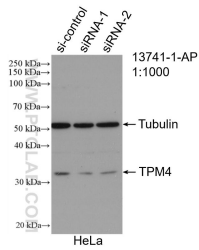
Various lysates were subjected to SDS PAGE followed by western blot with 13741-1-AP (TPM4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer using 13741-1-AP (TPM4 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer using 13741-1-AP (TPM4 antibody) at dilution of 1:100 (under 40x lens).



WB result of TPM4 antibody (13741-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TPM4 transfected HeLa cells.