

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TMEM41B



Numéro de catalogue: 29270-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:

29270-1-AP

Taille:

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

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG30810

Numéro d'acquisition GenBank:

BC035034

Identification du gène (NCBI):

440026

Nom complet:

transmembrane protein 41B

MW observés:

22-28 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, porc, souris

Contrôles positifs:

WB : cellules A549, cellules HeLa, tissu pulmonaire de souris, tissu testiculaire de souris

IHC : tissu pulmonaire de souris, tissu pulmonaire humain, tissu testiculaire 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

Transmembrane protein 41B (TMEM41B), also known as Stasimon, is a major target of survival motor neuron (SMN)-dependent U12 splicing and has been identified as a protein required for motor circuit function (PMID: 23063131). TMEM41B localizes to the endoplasmic reticulum. It is involved in autophagosome biogenesis and lipid mobilization (PMID: 30126924). TMEM41B has been shown to be essential for mouse embryonic development (PMID: 30352685). Additionally, genome-scale CRISPR knockout screens reveal that TMEM41B is required for infection of flavivirus and coronavirus, including SARS-CoV-2 (PMID: 33052348; 33052332). Alternative splicing results in three transcript variants encoding distinct isoforms.

Publications notables

Autrice	Pubmed ID	Journal	Application
Dong Huang	34015269	Cell Metab	WB,IF
Xiuying Liang	34944635	Biomedicines	IHC
Lingzhi Wu	35496801	STAR Protoc	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.

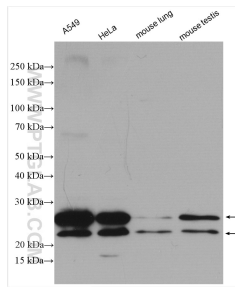
For technical support and original validation data for this product please contact:

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

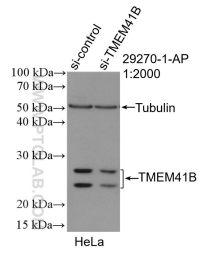
E: proteintech@ptglab.com
W: ptglab.com

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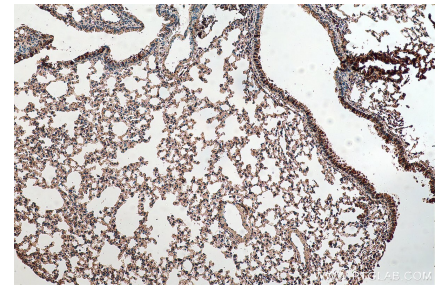
Données de validation sélectionnées



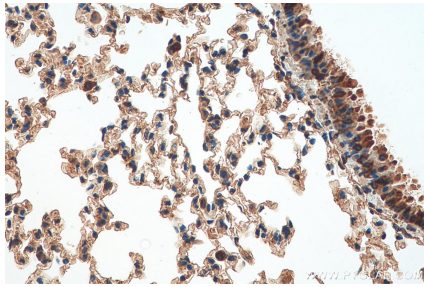
Various lysates were subjected to SDS PAGE followed by western blot with 29270-1-AP (TMEM41B antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



WB result of TMEM41B antibody (29270-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TMEM41B transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 29270-1-AP (TMEM41B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 29270-1-AP (TMEM41B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).