

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TRPM5



Numéro de catalogue: 18027-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue: 18027-1-AP	Numéro d'acquisition GenBank: BC093787	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop;	Identification du gène (NCBI): 29850	Dilutions recommandées: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:200
Hôte: Lapin	Nom complet: transient receptor potential cation channel, subfamily M, member 5	
Isotype: IgG	MW calculé 98 kDa, 131 kDa	
Immunogen Catalog Number: AG12593	MW observés: 98 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, 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.

Contrôles positifs:

WB : tissu hépatique de souris,

IHC : tissu d'intestin grêle humain,

IF : tissu d'épithélium olfactif de souris,

Informations générales

Transient receptor potential (TRP) proteins are a diverse family of proteins with structural features typical of ion channels (PMID: 14634208). TRPM5 is a member of the TRPM (melastatin-like) subfamily which are Ca²⁺-permeable cation channels localized predominantly to the plasma membrane (PMID: 11864597). TRPM5 plays a central role in taste transduction (PMID: 17610722). TRPM5 is implicated in enhancing TRPA1 expression and may be involved in regulating insulin secretion (PMID: 21932052). Alternative splicing results in transcript variants encoding distinct isoforms with calculated molecular weights of 98 kDa or 131 kDa. It has been reported that TRPM5 is N-linked glycosylated at a unique site and TRPM5 glycosylation seems not to be involved in channel trafficking, but mainly in its functional regulation (PMID: 24605085).

Publications notables

Autrice	Pubmed ID	Journal	Application
Lynnette Phillips McCluskey	31669578	Appetite	IF
Zhen Xiong	35320705	Immunity	WB
Kunitoshi Uchida	33553759	Heliyon	IF

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'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

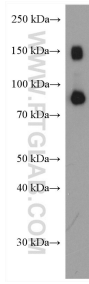
For technical support and original validation data for this product please contact:

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

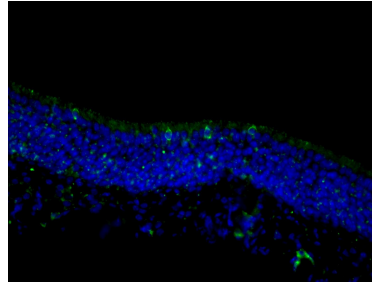
E: proteintech@ptglab.com
W: ptglab.com

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

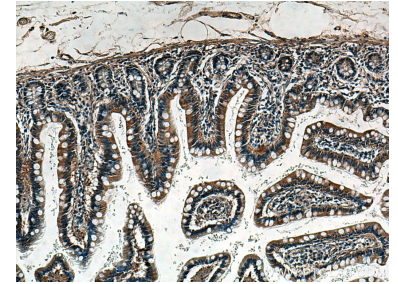
Données de validation sélectionnées



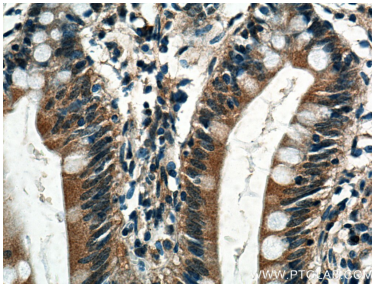
mouse liver tissue were subjected to SDS PAGE followed by western blot with 18027-1-AP (TRPM5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Fluorescent IHC on 1%PLP fixed frozen mouse olfactory epithelium tissue of TRPM5 antibody (18027-1-AP, 1:200). Microvillar cell staining in the apical layer. By Dr. Brian Lin (Schwob Lab).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 18027-1-AP (TRPM5 antibody) at dilution of 1:200 (under 10x lens)..



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 18027-1-AP (TRPM5 antibody) at dilution of 1:200 (under 40x lens)..