

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TRPC6



Numéro de catalogue: 18236-1-AP

Phare

9 Publications

Informations de base

Numéro de catalogue:

18236-1-AP

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG12976

Numéro d'acquisition GenBank:

BC093658

Identification du gène (NCBI):

7225

Nom complet:

transient receptor potential cation channel, subfamily C, member 6

MW calculé

931 aa, 106 kDa

MW observés:

100-110 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

FC, IF, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cerveau de souris, cellules COLO 320, tissu pulmonaire de souris

IP : tissu pulmonaire de souris,

IHC : tissu placentaire humain,

IF : cellules HeLa,

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

Transient receptor potential canonical (TRPC) channels mediate the influx of different types of cations through the cell membrane and are involved in many functions of the organism (PMID: 28508319). The TRPC subfamily consists of seven members, TRPC1, TRPC2, TRPC3, TRPC4, TRPC5, TRPC6, TRPC7 (PMID: 32872338). TRPC6 is a Ca²⁺-permeable non-selective cation channel expressed in most human tissues. TRPC6 has been considered as potential therapeutic targets for malignant glioma treatment (PMID: 35489424).

Publications notables

Autrice	Pubmed ID	Journal	Application
Meitian Wang	31622821	Biomaterials	WB,IF
Vladimir Riazanski	26604306	Proc Natl Acad Sci U S A	IF
Xi He	33649466	Lab Invest	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.**

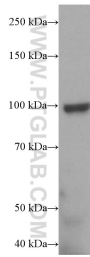
For technical support and original validation data for this product please contact:

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

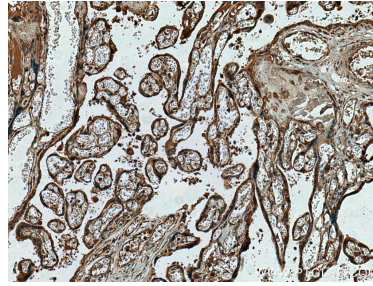
E: proteintech@ptglab.com
W: ptglab.com

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

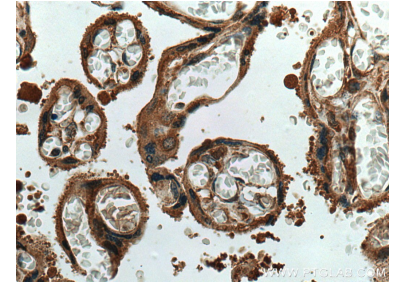
Données de validation sélectionnées



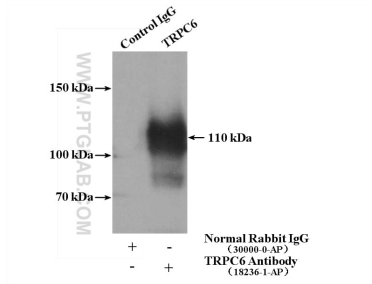
mouse brain tissue were subjected to SDS PAGE followed by western blot with 18236-1-AP (TRPC6 antibody) at dilution of 1:500.



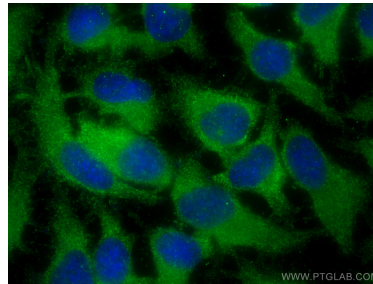
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18236-1-AP (TRPC6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



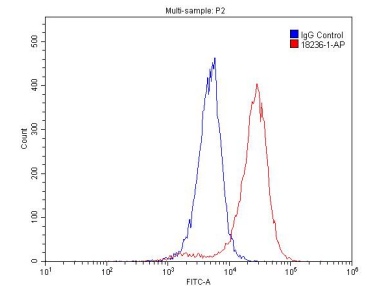
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18236-1-AP (TRPC6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-TRPC6 (IP:18236-1-AP, 4ug; Detection:18236-1-AP 1:300) with mouse lung tissue lysate 3600ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRPC6 antibody (18236-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10⁶ A549 cells were stained with 0.2ug TRPC6 antibody (18236-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.