

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TRAPPC3



Numéro de catalogue: 15555-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:

15555-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7924

Numéro d'acquisition GenBank:

BC007662

Identification du gène (NCBI):

27095

Nom complet:

trafficking protein particle complex 3

MW calculé

20 kDa

MW observés:

20-22 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu hépatique de souris, cellules HEK-293, cellules PC-3, tissu d'intestin grêle de souris

IP : tissu hépatique 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

TRAPPC3 (trafficking protein particle complex 3, also known as Bet3) is a component of TRAPP, a complex involved in the tethering of transport vesicles to the cis-Golgi membrane. There are three TRAPP complexes identified in yeast with distinct roles: TRAPPI in ER-Golgi traffic, TRAPPII in intra-Golgi and endosome-Golgi traffic, and TRAPPIII in autophagy. Recently it has been proposed that at least two complexes exist in mammals. TRAPPC3 is the most conserved subunit of TRAPP and has been used to precipitate the intact tethering complex both from yeast and from human cells. It has also been reported that TRAPPC3 is required for Rabin8 centrosome trafficking and ciliogenesis. Expressed ubiquitously, TRAPPC3 protein is present in both membrane-bound and cytosolic forms. This antibody recognizes the endogenous 20-22 kDa TRAPPC3 in multiple cell lines. (15728249, 21273506, 23394947)

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---------------|-----------|------------------------------|-------------|
| Yalan Lu | 35697692 | Signal Transduct Target Ther | WB |
| Adrian Cuenca | 31467083 | J Biol Chem | WB |
| Min Hu | 37416774 | Int J Biol Sci | 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'aliquote n'est pas nécessaire pour le stockage à -20C

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

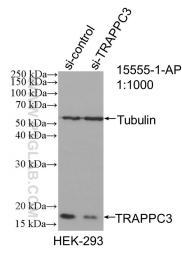
For technical support and original validation data for this product please contact:

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

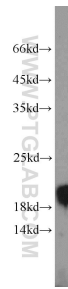
E: proteintech@ptglab.com
W: ptglab.com

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

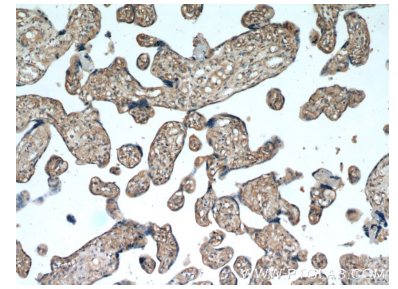
Données de validation sélectionnées



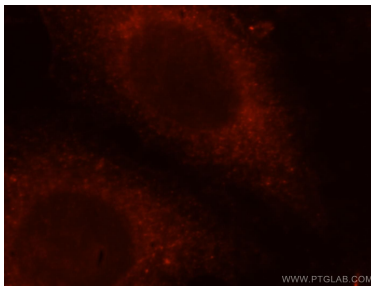
WB result of TRAPPC3 antibody (15555-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TRAPPC3 transfected HEK-293 cells.



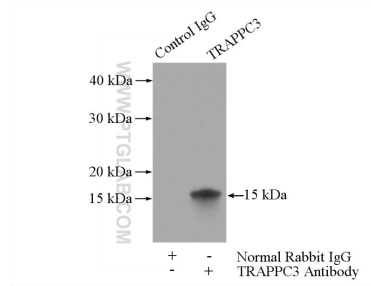
mouse liver tissue were subjected to SDS PAGE followed by western blot with 15555-1-AP (TRAPPC3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta using 15555-1-AP (TRAPPC3 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of HeLa cells, using TRAPPC3 antibody 15555-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-TRAPPC3 (IP:15555-1-AP, 3ug; Detection:15555-1-AP 1:800) with mouse liver tissue lysate 4000ug.