

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TRAPPC4



Numéro de catalogue: 12074-1-AP

## Informations de base

Numéro de catalogue:  
12074-1-AP

Taille:  
150ul, Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG2737

Numéro d'acquisition GenBank:  
BC010866

Identification du gène (NCBI):  
51399

Nom complet:  
trafficking protein particle complex 4

MW calculé  
219 aa, 24 kDa

MW observés:  
24-27 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 1:500-1:1000 for WB  
IHC 1:500-1:2000  
IF 1:200-1:800

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Spécificité de l'espèce:  
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 : cellules HL-60, tissu testiculaire de souris

IP : cellules HL-60,

IHC : tissu de cancer du côlon humain,

IF : cellules HeLa,

## Informations générales

Transport protein particle (TRAPP, also known as trafficking protein particle), a multimeric guanine nucleotide-exchange factor, regulates multiple membrane trafficking pathways (PMID: 20966969). TRAPPC4, also known as synbindin, is a core component of the TRAPP complexes and one of the essential subunits for guanine nucleotide exchange factor activity for Rab1 GTPase (PMID: 31794024). Deficiencies in vesicular transport mediated by TRAPPC4 have been associated with severe syndromic intellectual disability (PMID: 31794024).

## 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.

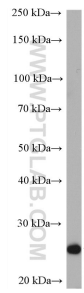
For technical support and original validation data for this product please contact:

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

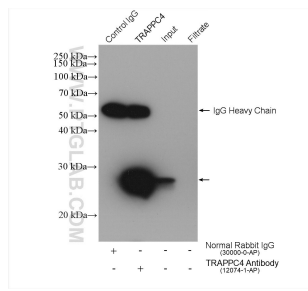
E: proteintech@ptglab.com  
W: ptglab.com

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

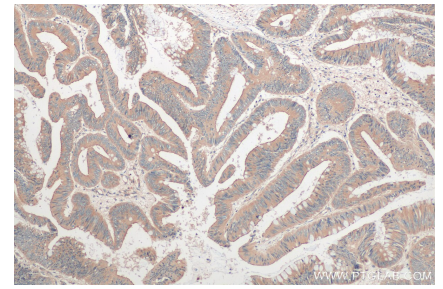
## Données de validation sélectionnées



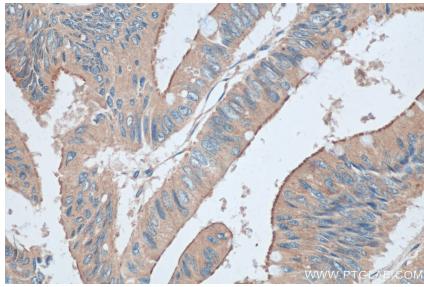
HL-60 cells were subjected to SDS PAGE followed by western blot with 12074-1-AP (TRAPPC4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



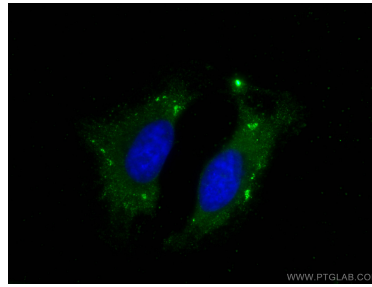
IP result of anti-TRAPPC4(IP:12074-1-AP, 4ug; Detection:12074-1-AP 1:800) with HL-60 cells lysate 1720 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12074-1-AP (TRAPPC4 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12074-1-AP (TRAPPC4 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRAPPC4 antibody (12074-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).