

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DPH2



Numéro de catalogue: 12367-1-AP

Informations de base

Numéro de catalogue:

12367-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3042

Numéro d'acquisition GenBank:

BC016956

Identification du gène (NCBI):

1802

Nom complet:

DPH2 homolog (S. cerevisiae)

MW calculé

489 aa, 52 kDa

MW observés:

52 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Spécificité de l'espèce:

Humain, 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 COLO 320, cellules PC-3, tissu cérébral humain

IP : tissu de muscle squelettique de souris,

IHC : tissu de cancer du côlon humain,

IF : cellules PC-3,

Informations générales

Required for the first step in the synthesis of diphthamide, a post-translational modification of histidine which occurs in translation elongation factor 2 (EEF2). When overexpressed, suppresses colony formation ability and growth rate of ovarian cancer cells. Mutants of the DPH1, DPH2, and DPH5 (611075) genes, involved in diphthamide biosynthesis, were identified as resistant to both anthrax toxin and diphtheria toxin. This antibody works well in WB, IP, IHC and IF application.

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:

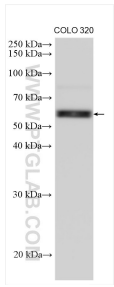
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

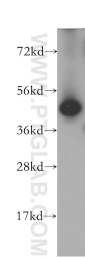
W: ptglab.com

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

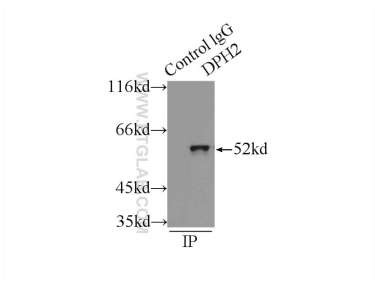
Données de validation sélectionnées



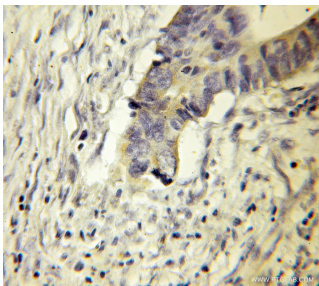
COLO 320 cells were subjected to SDS PAGE followed by western blot with 12367-1-AP (DPH2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



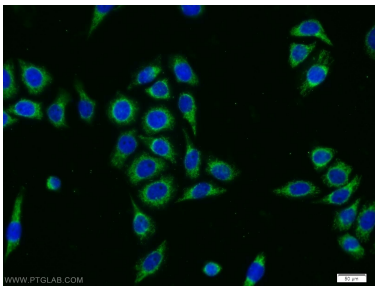
human brain tissue were subjected to SDS PAGE followed by western blot with 12367-1-AP (DPH2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP Result of anti-DPH2 (IP:12367-1-AP, 3ug; Detection:12367-1-AP 1:1000) with mouse skeletal muscle tissue lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 12367-1-AP (DPH2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of PC-3 cells using 12367-1-AP (DPH2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).