

Allgemeine Informationen

Katalog-Nr.:
12367-1-AP

Größe:
150ul, Konzentration: 350 µg/ml von
Nanodrop und 167 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG3042

GenBank-Zugangsnummer:
BC016956

GeneID (NCBI):
1802

Vollständiger Name:
DPH2 homolog (S. cerevisiae)

Berechnete Masse:
489 aa, 52 kDa

Beobachtete Masse:
52 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:8000
IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB
IHC 1:20-1:200
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB, ELISA

Getestete Reaktivität:
Human, Maus

**Hinweis-IHC: Antigendemaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigendemaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : COLO 320-Zellen, humanes Hirngewebe, PC-3-
Zellen

IP : Maus-Skelettmuskelgewebe,

IHC : humanes Kolonkarzinomgewebe,

IF : PC-3-Zellen,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

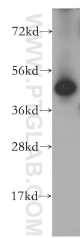
For technical support and original validation data for this product please contact:

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

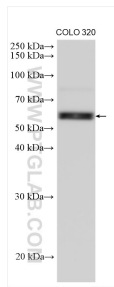
E: proteintech@ptglab.com
W: ptglab.com

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

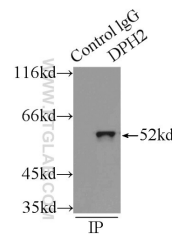
Ausgewählte Validierungsdaten



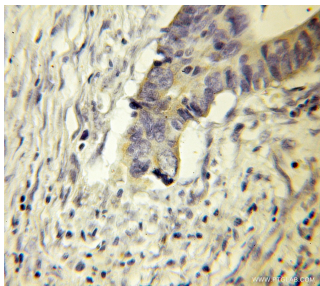
human brain tissue were subjected to SDS PAGE followed by western blot with 12367-1-AP (DPH2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



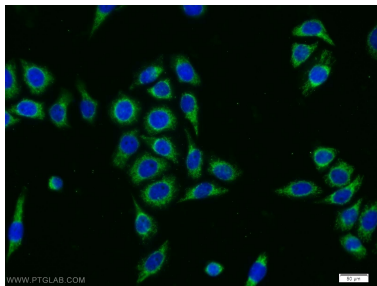
COLO 320 cells were subjected to SDS PAGE followed by western blot with 12367-1-AP (DPH2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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).