

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DTYMK



Numéro de catalogue: 15360-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:
15360-1-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG7606

Numéro d'acquisition GenBank:
BC001827

Identification du gène (NCBI):
1841

Nom complet:
deoxythymidylate kinase
(thymidylate kinase)

MW calculé:
24 kDa

MW observés:
24 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2400
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

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

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, tissu cardiaque humain, tissu cérébral de souris, tissu cérébral humain

IP : cellules HeLa,

IHC : tissu de cancer du côlon humain,

IF : cellules MCF-7, cellules HepG2

Informations générales

DTYMK(Thymidylate kinase) is also named as CDC8,TMPK and TYMK.It catalyzes the phosphorylation of dTMP to form dTDP in the dTTP synthesis pathway for DNA synthesis.This enzyme is important in cellular DNA synthesis because the synthesis of dTTP either via the de novo pathway or through the exogenous supply of thymidine requires the activity of this enzyme(PMID:18469).

Publications notables

Autrice	Pubmed ID	Journal	Application
Fengze Sun	34795209	Cell Death Dis	WB,IHC
Henrick Horita	29786648	Proteomes	WB
Tianfeng Lan	35903153	Front Mol Biosci	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.

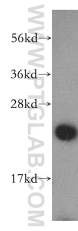
For technical support and original validation data for this product please contact:

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

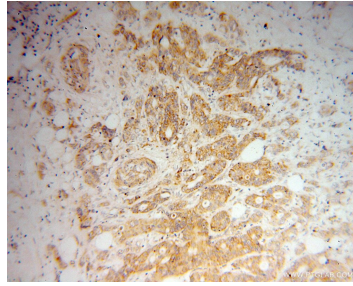
E: proteintech@ptglab.com
W: ptglab.com

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

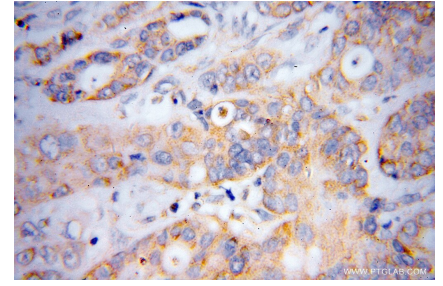
Données de validation sélectionnées



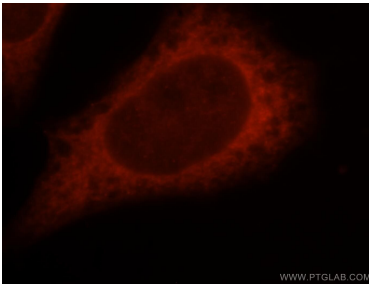
HeLa cells were subjected to SDS PAGE followed by western blot with 15360-1-AP (DTYMK antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



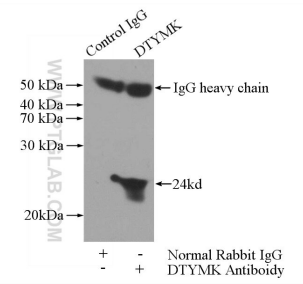
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15360-1-AP (DTYMK antibody) at dilution of 1:100 (under 10x lens).



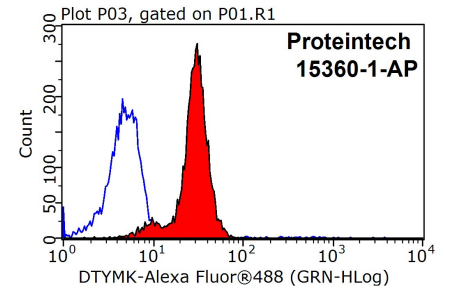
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15360-1-AP (DTYMK antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of MCF-7 cells, using DTYMK antibody 15360-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-DTYMK (IP:15360-1-AP, 3ug; Detection:15360-1-AP 1:1000) with HeLa cells lysate 2800ug.



1×10^6 MCF-7 cells were stained with 0.2ug DTYMK antibody (15360-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.