

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-14-3-3 Epsilon



Numéro de catalogue: 11648-2-AP

Phare

16 Publications

Informations de base

Numéro de catalogue:
11648-2-AP

Taille:
150ul, Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2247

Numéro d'acquisition GenBank:
BC000179

Identification du gène (NCBI):
7531

Nom complet:
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide

MW calculé
255 aa, 29 kDa
MW observés:
29-32 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:5000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

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

Demandes citées:
IF, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
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 A375, cellules HeLa

IP : cellules A375,

IHC : tissu de cancer du poumon humain, tissu cérébral de souris, tissu de gliome humain

IF : cellules HepG2,

Informations générales

14-3-3 Epsilon (also known as YWHA E) is a member of 14-3-3 proteins which were the first phosphoserine/phosphothreonine-binding proteins to be discovered. 14-3-3 family members interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and hetero-dimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis. This antibody was raised against full-length 14-3-3 Epsilon.

Publications notables

Autrice	Pubmed ID	Journal	Application
Nerea Ugidos	31620119	Front Immunol	WB, IF
Kun Lu	29285195	Oncol Lett	WB, IF
Chihiro Tohda	34054554	Front Pharmacol	IP, WB

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

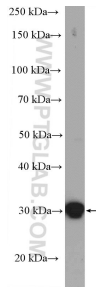
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

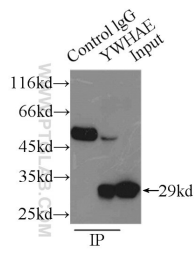
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

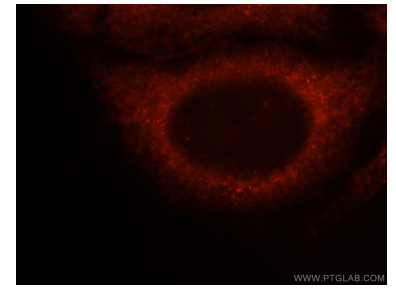
Données de validation sélectionnées



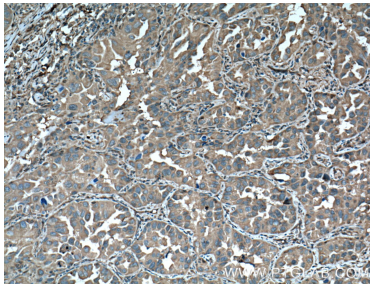
A375 cells were subjected to SDS PAGE followed by western blot with 11648-2-AP (14-3-3 epsilon antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.



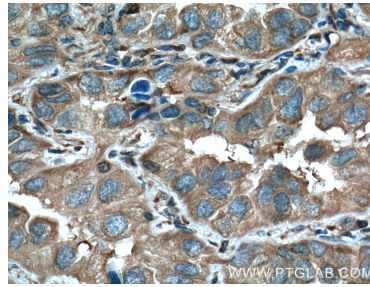
IP Result of anti-14-3-3 epsilon (IP:11648-2-AP, 3ug; Detection:11648-2-AP 1:1000) with A375 cells lysate 6000ug.



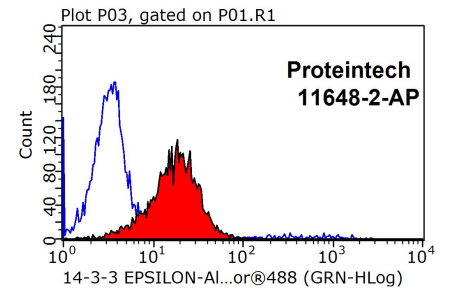
Immunofluorescent analysis of HepG2 cells, using YWHAE antibody 11648-2-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11648-2-AP (14-3-3 epsilon antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11648-2-AP (14-3-3 epsilon antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HepG2 cells were stained with 0.2ug 14-3-3 epsilon antibody (11648-2-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 1:1000.