À des fins de recherche uniquement

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

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:14503-1-AP Phare 13 Publications

## Informations de base

Numéro de catalogue:
14503-1-AP

Taille:
150ul , Concentration: 307 μg/ml by Nanodrop and 307 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5959

Numéro d'acquisition GenBank:
BC056867

Identification du gène (NCBI):
10971

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

MW calculé
28 kDa

MW observés:
31 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:20-1:200

## Applications

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

Demandes citées:
CoIP, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
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 HeLa, cellules C6, cellules Jurkat, cellules NIH/3T3, tissu cardiaque de souris, tissu cérébral de souris, tissu hépatique de rat, tissu hépatique de souris

IP : tissu pulmonaire de souris,

IHC : tissu cérébral de souris, tissu testiculaire humain

IF : cellules HepG2,

## Informations générales

14-3-3 proteins are 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- dimmers. 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.

## Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---|---|---|---|
| Xiaopei Hao | 36131287 | J Exp Clin Cancer Res | WB,CoIP,RIP |
| Radia Forteza | 31664880 | Mol Biol Cell | IP |
| Hikari Tanaka | 34635772 | Commun Biol | WB |

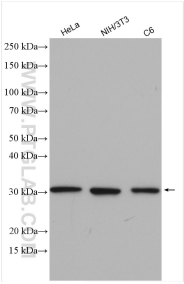
## Stockage

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

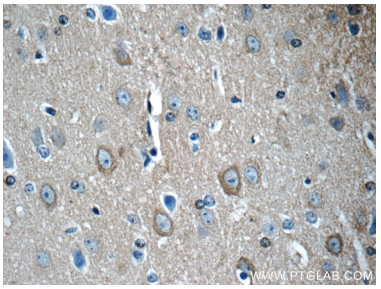
*** Les 20ul contiennent 0,1% de BSA.

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

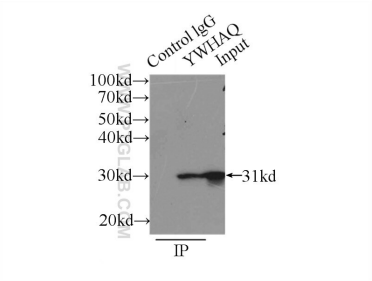
## Données de validation sélectionnées



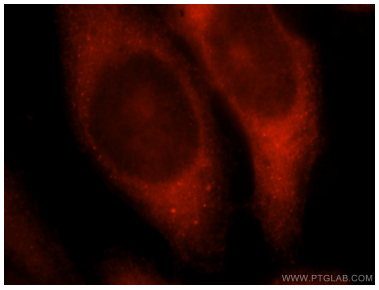

Various lysates were subjected to SDS PAGE followed by western blot with 14503-1-AP (14-3-3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



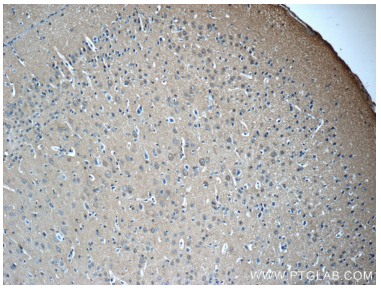

Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14503-1-AP (14-3-3 Antibody) at dilution of 1:50 (under 40x lens).



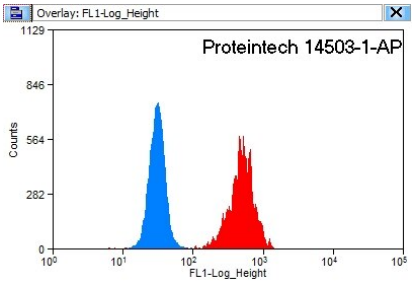

IP Result of anti-14-3-3 (IP:14503-1-AP, 5ug; Detection:14503-1-AP 1:500) with mouse lung tissue lysate 4000ug.




Immunofluorescent analysis of HepG2 cells, using YWHAQ antibody 14503-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).




Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14503-1-AP (14-3-3 Antibody) at dilution of 1:50 (under 10x lens).




1X10^6 HeLa cells were stained with 0.2ug 14-3-3 antibody (14503-1-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.