

À des fins de recherche uniquement

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



Numéro de catalogue: 12381-1-AP

Phare

5 Publications

## Informations de base

Numéro de catalogue:  
12381-1-AP

Taille:  
150ul, Concentration: 600 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG3047

Numéro d'acquisition GenBank:  
BC020963

Identification du gène (NCBI):  
7532

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

MW calculé  
247 aa, 28 kDa  
MW observés:  
28-33 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:500-1:1000  
for WB  
IHC 1:50-1:500  
IF 1:10-1:100

## Applications

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

Demandes citées:  
CoIP, IP, WB

Spécificité de l'espèce:  
canin, Humain, rat, souris

Espèces citées:  
Humain

**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 IMCD3 de souris (ARNi), cellules A431, cellules K-562, cellules NIH/3T3

IP : tissu cérébral de souris,

IHC : tissu de cancer du poumon humain, tissu de cancer du sein humain

IF : cellules MDCK,

## Informations générales

14-3-3 gamma (also known as YWHAG) 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 specifically recognizes gamma isoform of 14-3-3.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Maria A Ahonen	33075494	Biochim Biophys Acta Mol Cell Biol Lipids	WB
Wenjun Wang	33473107	Nat Commun	CoIP, WB
Songlin Zeng	25604190	Proteomics	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.

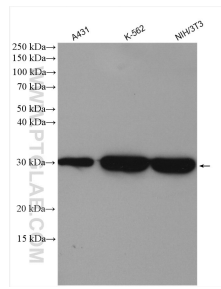
For technical support and original validation data for this product please contact:

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

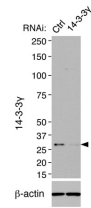
E: proteintech@ptglab.com  
W: ptglab.com

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

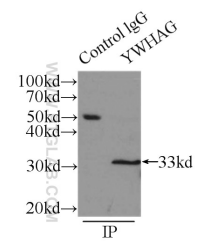
## Données de validation sélectionnées



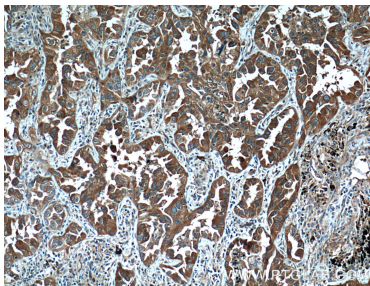
Various lysates were subjected to SDS PAGE followed by western blot with 12381-1-AP (14-3-3 GAMMA-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



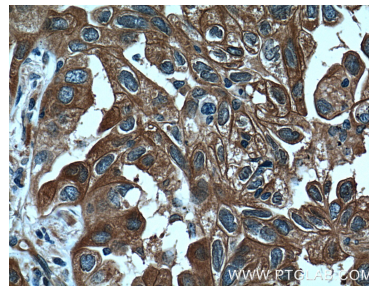
siRNA result of 12381-1-AP (anti-14-3-3G) in Mouse IMCD3 cells From Dr.Seongjin Seo.



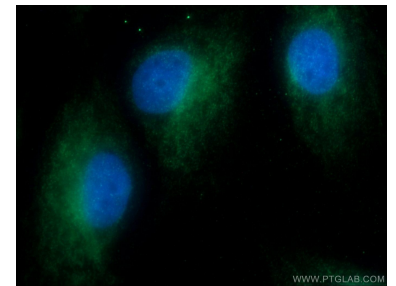
IP Result of anti-14-3-3 GAMMA-Specific (IP:12381-1-AP, 3ug; Detection:12381-1-AP 1:800) with mouse brain tissue lysate 8000ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12381-1-AP (14-3-3 GAMMA-Specific 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 12381-1-AP (14-3-3 GAMMA-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of MDCK cells using 12381-1-AP (14-3-3 GAMMA-Specific antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).