

À des fins de recherche uniquement

# Anticorps Monoclonal anti-14-3-3

Numéro de catalogue: 66061-1-Ig **3 Publications**



## Informations de base

Numéro de catalogue: 66061-1-Ig	Numéro d'acquisition GenBank: BC056867	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 900 µg/ml by Nanodrop and 713 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 10971	CloneNo.: 2E10A3
Hôte: Mouse	Nom complet: tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide	Dilutions recommandées: WB 1:2000-1:20000 IHC 1:50-1:500 IF 1:20-1:200
Isotype: IgG1	MW calculé 28 kDa	
Immunogen Catalog Number: AG6055	MW observés: 31 kDa, 28 kDa	

## Applications

### Applications testées:

FC, IF, IHC, WB, ELISA

### Demandes citées:

CoIP, IF, IHC, WB

### Spécificité de l'espèce:

Humain, porc, 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 HEK-293, cellules HeLa, cellules HepG2, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain

**IHC** : tissu de cancer du poumon humain, tissu cérébral de rat

**IF** : cellules HepG2,

## Informations générales

14-3-3 proteins 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 heterodimers. 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
Nerea Ugidos	31620119	Front Immunol	IF
Hui Zhou	33203800	Aging (Albany NY)	IHC
Yuetao Wen	35609730	Neurosci Res	WB,CoIP

## 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.**

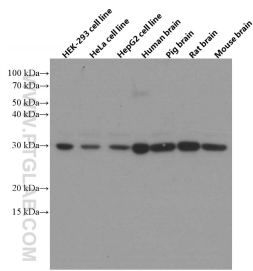
For technical support and original validation data for this product please contact:

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

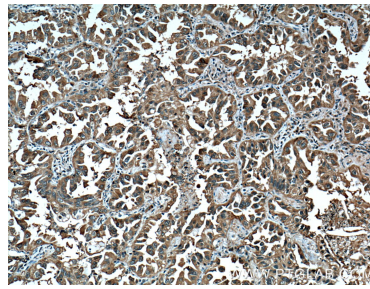
E: proteintech@ptglab.com  
W: ptglab.com

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

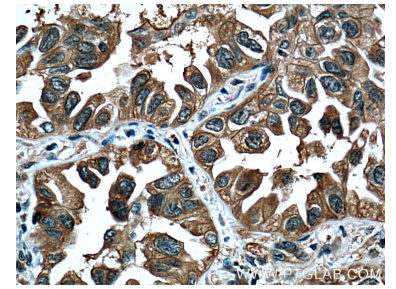
## Données de validation sélectionnées



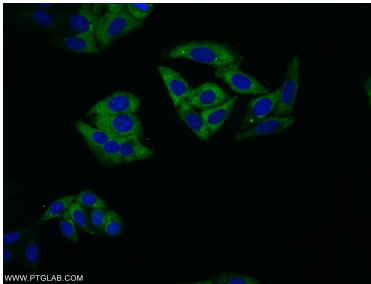
Various lysates were subjected to SDS PAGE followed by western blot with 66061-1-Ig (14-3-3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



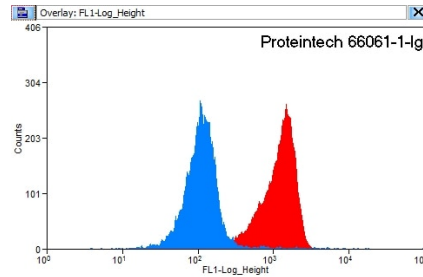
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66061-1-Ig (14-3-3 Antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66061-1-Ig (14-3-3 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 66061-1-Ig (14-3-3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



$1 \times 10^6$  HeLa cells were stained with 0.2ug 14-3-3 antibody (66061-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1500.