

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AKT1/3

Numéro de catalogue: 60203-1-Ig

Phare

48 Publications



## Informations de base

Numéro de catalogue:

60203-1-Ig

Numéro d'acquisition GenBank:

BC000479

Méthode de purification:

Purification par protéine G

Taille:

150ul, Concentration: 1000 µg/ml by 207

Identification du gène (NCBI):

207

CloneNo.:

3G5E11

Bradford method using BSA as the standard;

Nom complet:

v-akt murine thymoma viral oncogene homolog 1

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000

Hôte:

Mouse

MW calculé

56 kDa

for WB

IHC 1:250-1:1000

IF 1:20-1:200

Isotype:

IgG1

MW observés:

56-62 kDa

Immunogen Catalog Number:

AG16695

## Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Contrôles positifs:

WB : cellules HeLa, cellules MCF-7, tissu hépatique de rat

Demandes citées:

IF, WB

IP : tissu cérébral de souris,

Spécificité de l'espèce:

Humain, rat, souris

IHC : tissu de cancer du sein humain, tissu de cancer du col de l'utérus humain

Espèces citées:

Humain, rat, souris

IF : cellules MCF-7,

**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.**

## Informations générales

The serine-threonine protein kinase AKT is catalytically inactive in serum-starved primary and immortalized fibroblasts. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT, which then phosphorylates and inactivates components of the apoptotic machinery.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaojuan Peng	34753028	Phytomedicine	WB
Xinbo Wu	32914567	J Cell Mol Med	WB
Xi Chen	33174023	Mol Med Rep	WB

## Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

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

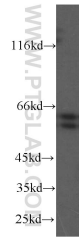
For technical support and original validation data for this product please contact:

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

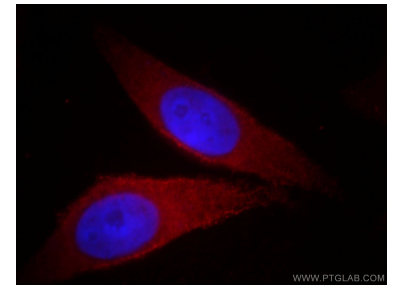
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées

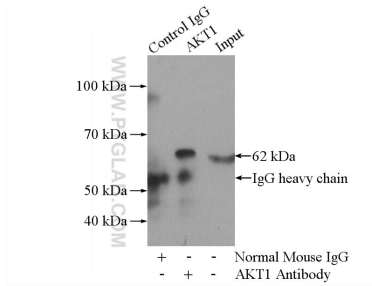


WB result of AKT1/3 antibody (60203-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AKT1/3 transfected MCF-7 cells.

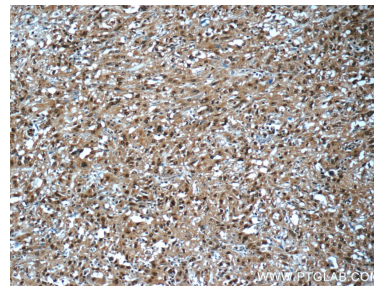


Immunofluorescent analysis of MCF-7 cells, using AKT1 antibody 60203-1-Ig at 1:500 dilution and Rhodamine-labeled goat anti-mouse IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).

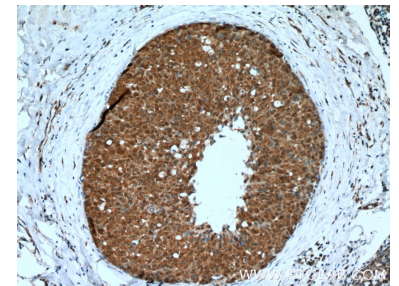
HeLa cells were subjected to SDS PAGE followed by western blot with 60203-1-Ig (AKT1/3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



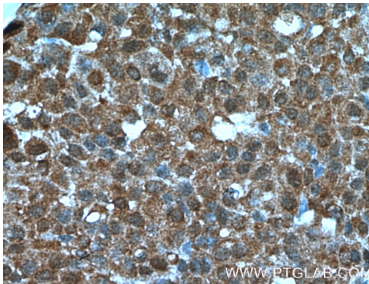
IP Result of anti-AKT1/3 (IP:60203-1-Ig, 5ug; Detection:60203-1-Ig 1:600) with mouse brain tissue lysate 3440ug.



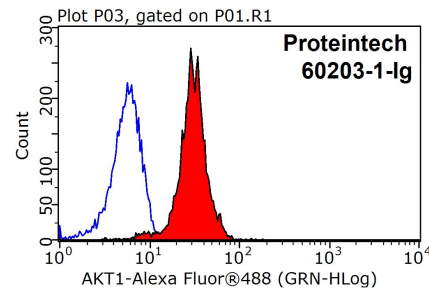
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 60203-1-Ig (AKT1/3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60203-1-Ig (AKT1/3 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 breast cancer tissue slide using 60203-1-Ig (AKT1/3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> MCF-7 cells were stained with 0.2ug AKT1/3 antibody (60203-1-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.