

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AKT



Numéro de catalogue: 51077-1-AP

Phare

22 Publications

Informations de base

Numéro de catalogue:

51077-1-AP

Taille:

150µl, Concentration: 900 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC084538

Identification du gène (NCBI):

207

Nom complet:

v-akt murine thymoma viral oncogene homolog 1

MW calculé

56 kDa

MW observés:

56-62 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules A431, cellules A549, cellules COLO 320, cellules HeLa, cellules Jurkat, cellules MCF-7

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

IF : cellules HeLa,

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.

Informations générales

The serine-threonine protein kinase AKT1 is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and specific, and it is abrogated by mutations in the pleckstrin homology domain of AKT1. It was shown that the activation occurs through phosphatidylinositol 3-kinase. In the developing nervous system AKT1 is a critical mediator of growth factor-induced neuronal survival. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivates components of the apoptotic machinery.

Publications notables

Autrice	Pubmed ID	Journal	Application
Kedi Liu	34582494	PLoS One	WB
Hexiao Tang	30216513	J Cell Biochem	WB
Yuquan Bai	30216488	J Cell Biochem	WB

Stockage

Stockage:

Stocker à -20 °C

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.

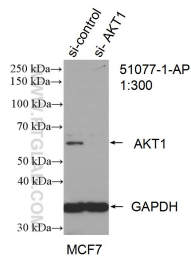
For technical support and original validation data for this product please contact:

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

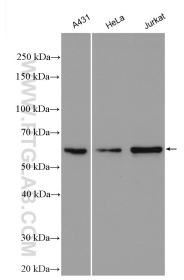
E: proteintech@ptglab.com
W: ptglab.com

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

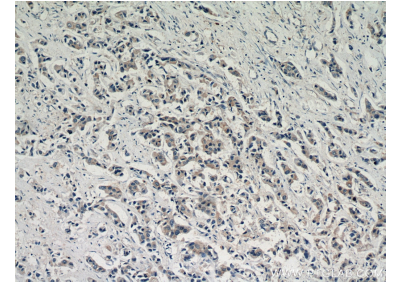
Données de validation sélectionnées



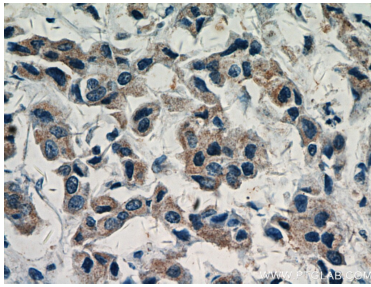
WB result of AKT1 antibody (51077-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-AKT1 transfected MCF-7 cells.



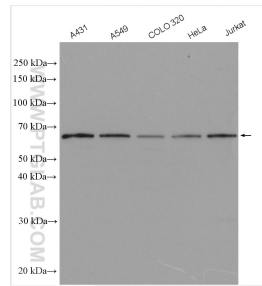
Various lysates were subjected to SDS PAGE followed by western blot with 51077-1-AP (AKT1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



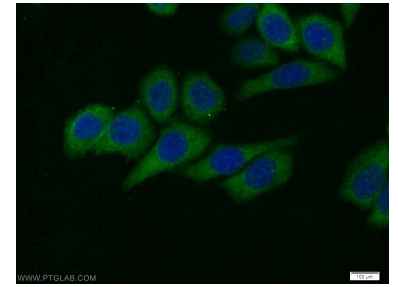
Immunohistochemical analysis of paraffin-embedded human breast cancer using 51077-1-AP (AKT1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 51077-1-AP (AKT1 antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 51077-1-AP (AKT1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 51077-1-AP (AKT1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).