

Allgemeine Informationen

Katalog-Nr.:

60203-1-Ig

Größe:

150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG16695

GenBank-Zugangsnummer:

BC000479

GeneID (NCBI):

207

Vollständiger Name:

v-akt murine thymoma viral oncogene homolog 1

Berechnete Masse:

56 kDa

Beobachtete Masse:

56-62 kDa

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

3G5E11

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB

IHC 1:250-1:1000

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, MCF-7-Zellen, Rattenlebergewebe

IP : Maushirngewebe,

IHC : humanes Mammakarzinomgewebe, humanes Zervixkarzinomgewebe

IF : MCF-7-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

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

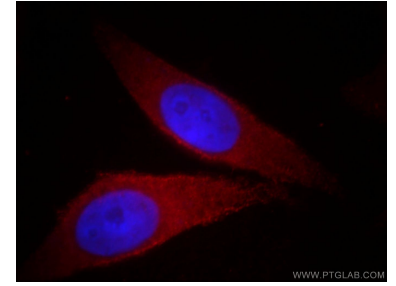
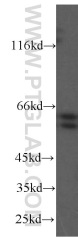
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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

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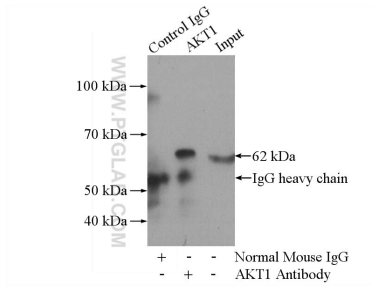
Ausgewählte Validierungsdaten

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.

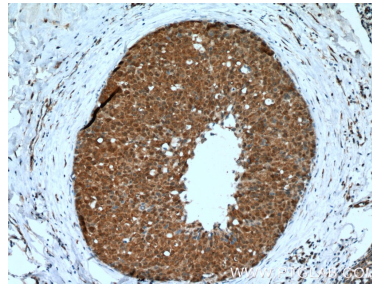


HeLa cells were subjected to SDS PAGE followed by western blot with 60203-1-Ig (AKT1/3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

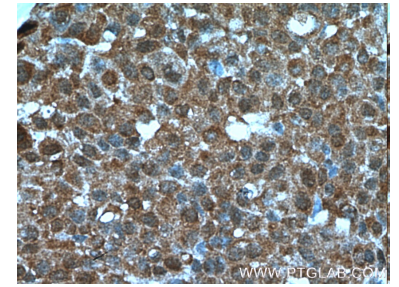
Immunofluorescent analysis of MCF-7 cells, using AKT1 antibody 60203-1-Ig at 1:50 dilution and Rhodamine-labeled goat anti-mouse IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



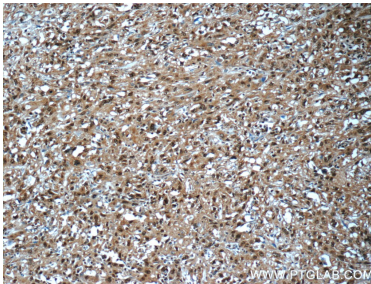
IP Result of anti-AKT1/3 (IP:60203-1-Ig, 5ug; Detection:60203-1-Ig 1:600) with mouse brain tissue lysate 3440ug.



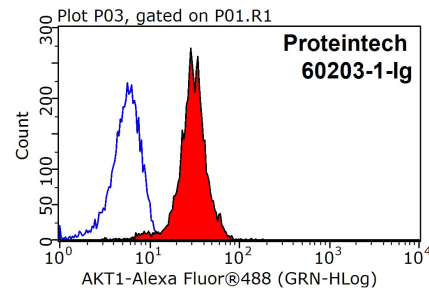
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60203-1-Ig (AKT1/3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



1X10⁶ 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.