



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

AKT3 monoclonal antibody (M08), clone 6E11

Catalog # : H00010000-M08

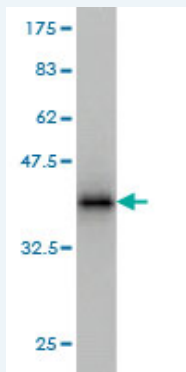
規格 : [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant AKT3.
Immunogen:	AKT3 (AAD29089, 100 a.a. ~ 189 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EAIQAVADRLQRQEEERMNCSPSTSQIDNIGEEEMDASTTHHKRKTMNDF DYLKLLGKGTFGKVLVREKASGKYAMKILKKEVIIAKDE
Host:	Mouse
Reactivity:	Human, Mouse, Rat
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.53 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

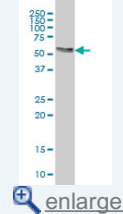
Datasheet: [Download](#)

Applications

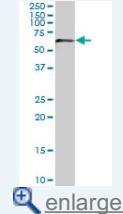
Western Blot (Cell lysate)

Application Image

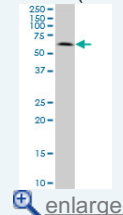
Western Blot (Cell lysate)



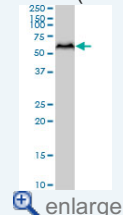
Western Blot (Cell lysate)



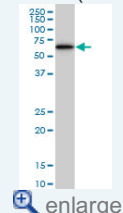
Western Blot (Cell lysate)



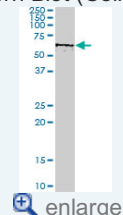
Western Blot (Cell lysate)



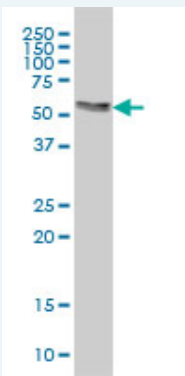
Western Blot (Cell lysate)



Western Blot (Cell lysate)



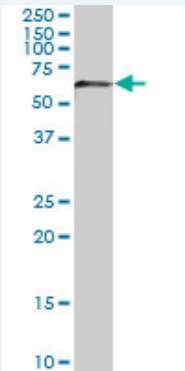
Western Blot (Transfected lysate)



AKT3 monoclonal antibody (M08), clone 6E11 Western Blot analysis of AKT3 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

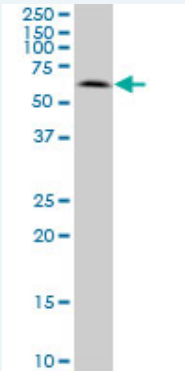
Western Blot (Cell lysate)



AKT3 monoclonal antibody (M08), clone 6E11. Western Blot analysis of AKT3 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

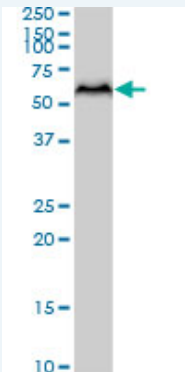
Western Blot (Cell lysate)



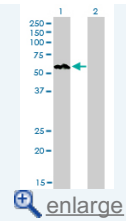
AKT3 monoclonal antibody (M08), clone 6E11. Western Blot analysis of AKT3 expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

Western Blot (Cell lysate)

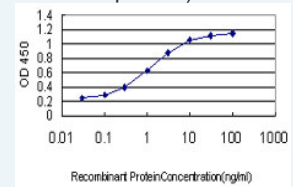


AKT3 monoclonal antibody (M08), clone 6E11. Western Blot analysis of AKT3 expression in MCF-7 (Cat # L046V1).



Western Blot (Recombinant protein)

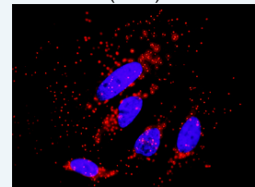
Sandwich ELISA (Recombinant protein)



enlarge

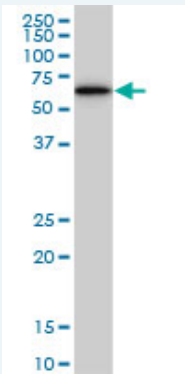
ELISA

In situ Proximity Ligation Assay (Cell)



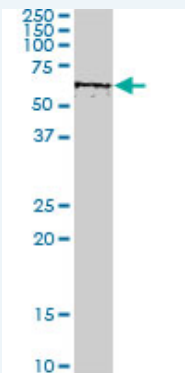
enlarge

Western Blot (Cell lysate)



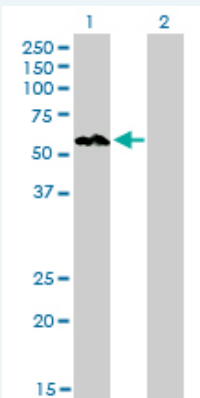
AKT3 monoclonal antibody (M08), clone 6E11. Western Blot analysis of AKT3 expression in NIH/3T3 (Cat # L018V1).

Western Blot (Cell lysate)



AKT3 monoclonal antibody (M08), clone 6E11. Western Blot analysis of AKT3 expression in K-562 (Cat # L009V1).

Western Blot (Transfected lysate)



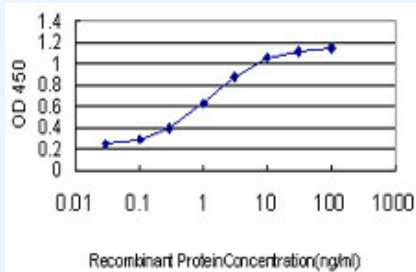
Western Blot analysis of AKT3 expression in transfected 293T cell line by AKT3 monoclonal antibody (M08), clone 6E11.

Lane 1: AKT3 transfected lysate(55.8 KDa).

Lane 2: Non-transfected lysate.

Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)

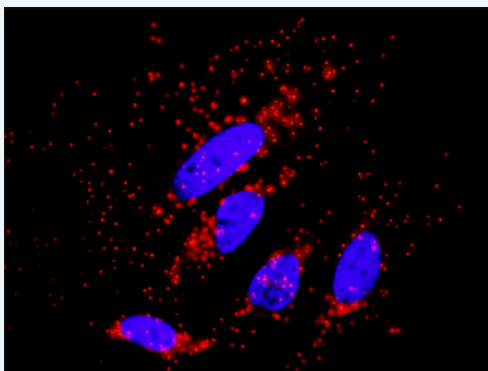


Detection limit for recombinant GST tagged AKT3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between PRKCZ and AKT3. HeLa cells were stained with anti-PRKCZ rabbit purified polyclonal 1:1200 and anti-AKT3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [10000](#)

GeneBank Accession#: [AF124141](#)

Protein Accession#: [AAD29089](#)

Gene Name: AKT3

Gene Alias: DKFZp434N0250,PKB-GAMMA,PKBG,PRKBG,RAC-PK-gamma,RAC-gamma,STK-2

Gene Description: v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)

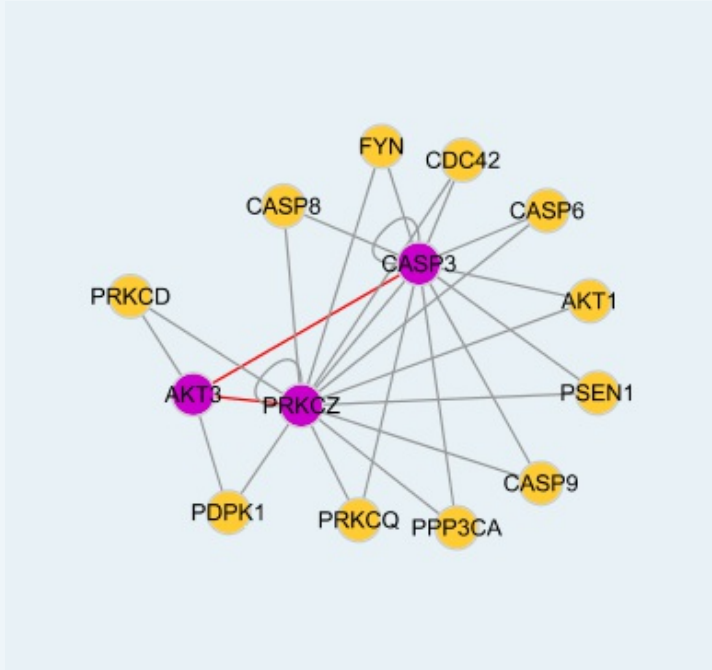
Omim ID: [611223](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

Other OTTHUMP00000037911,OTTHUMP00000037912,RAC-gamma
Designations: serine/threonine protein kinase,protein kinase B gamma,serine threonine protein kinase, Akt-3,v-akt murine thymoma viral oncogene homolog 3

Interactome



Gene Pathway

[Acute myeloid leukemia](#) [Adipocytokine signaling pathway](#) [Apoptosis](#)
[B cell receptor signaling pathway](#) [Chemokine signaling pathway](#) [Chronic myeloid leukemia](#)
[Colorectal cancer](#) [Endometrial cancer](#) [ErbB signaling pathway](#)
[Fc epsilon RI signaling pathway](#) [Fc gamma R-mediated phagocytosis](#) [Focal adhesion](#)
[Glioma](#) [Insulin signaling pathway](#) [Jak-STAT signaling pathway](#) [MAPK signaling pathway](#)
[Melanoma](#) [mTOR signaling pathway](#) [Neurotrophin signaling pathway](#)
[Non-small cell lung cancer](#) [Pancreatic cancer](#) [Pathways in cancer](#) [Prostate cancer](#)
[Renal cell carcinoma](#) [Small cell lung cancer](#) [T cell receptor signaling pathway](#)
[Tight junction](#) [Toll-like receptor signaling pathway](#) [VEGF signaling pathway](#)

Related Disease

[Adenocarcinoma, Papillary](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
[Genetic Predisposition to Disease](#) [HIV Infections](#) [Multiple Sclerosis](#) [Thyroid Neoplasms](#)
[Urinary Bladder Neoplasms](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.