



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) 

AKT1 (Human) Matched Antibody Pair

Catalog # : H00000207-AP11

規格 : [1 Set]

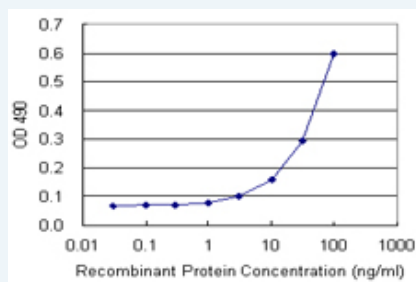
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human AKT1.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00000207-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-AKT1 (100 ug)
 2. Detection antibody: mouse monoclonal anti-AKT1, IgG2a Kappa (20 ug)
 *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [207](#)

Gene Name: AKT1

Gene Alias: AKT, MGC99656, PKB, PKB-ALPHA, PRKBA, RAC, RAC-ALPHA

Gene Description: v-akt murine thymoma viral oncogene homolog 1

Omim ID: [164730](#), [181500](#)

Gene Ontology: [Hyperlink](#)

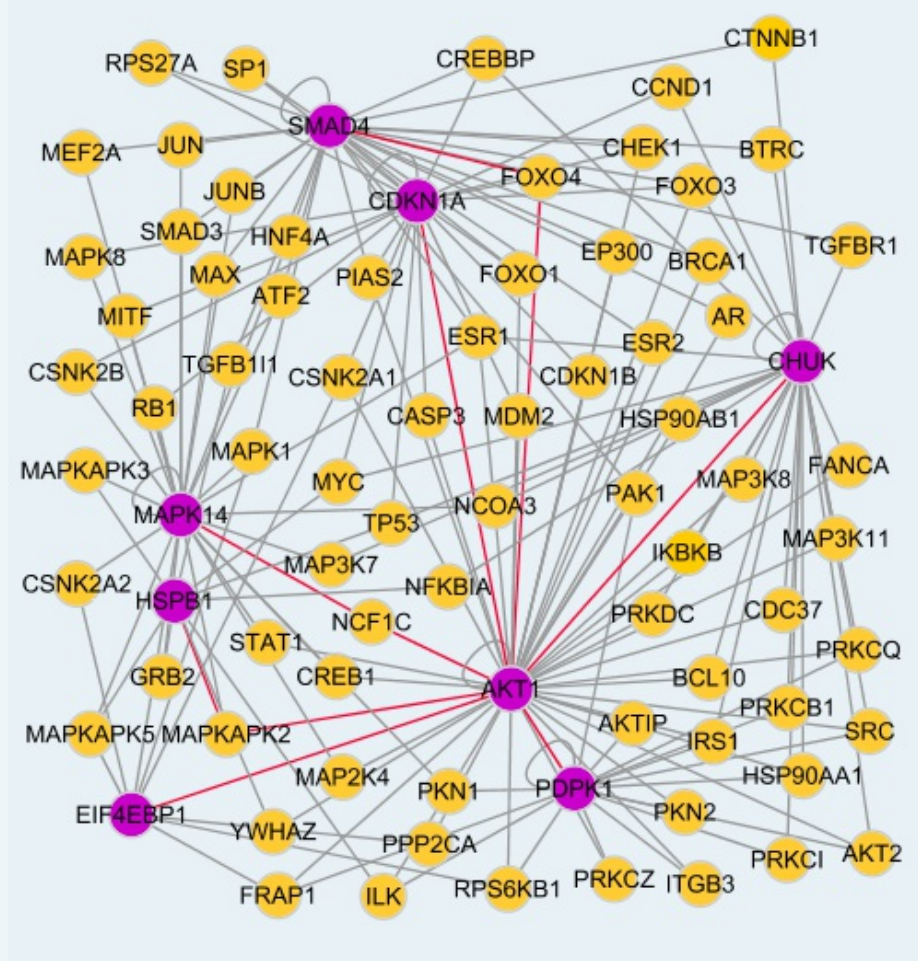
Application Image

ELISA Pair (Recombinant protein)

Gene Summary: The serine-threonine protein kinase encoded by the AKT1 gene 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 AKT 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. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Other Designations: RAC-alpha serine/threonine-protein kinase,murine thymoma viral (v-akt) oncogene homolog-1,protein kinase B,rac protein kinase alpha

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](#) [Adenocarcinoma, Papillary](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amphetamine-Related Disorders](#) [Atherosclerosis](#) [Basal Ganglia Diseases](#) [Bipolar Disorder](#) [Breast Neoplasms](#) [Calcinosis](#) [Carcinoma](#) [Carcinoma, Non-Small-Cell Lung](#) [Carcinoma, Papillary](#) [Carcinoma, Papillary, Follicular](#) [Cardiovascular Diseases](#) [Cognition](#)

[Colonic Neoplasms](#) [Colorectal Neoplasms](#) [Coronary Artery Disease](#)

[... see more](#)

[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.