



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) 

Anti-AKT1 Antibody (PTyr315)

Rabbit Anti-Human AKT1 (pTyr315) Polyclonal
Catalog No. SPC-911



Discovery through partnership | Excellence through quality

Overview

Product Name

AKT1 Antibody (pTyr315)

Description

Rabbit Anti-Human AKT1 (pTyr315) Polyclonal

Species Reactivity

Human

Applications

WB, AM

Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

Host Species

Rabbit

Immunogen Species

Human

Immunogen

A phospho-specific peptide corresponding to residues surrounding Tyr315 of human Akt1 (AA312-318)

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Peptide Affinity Purified

Clonality

Polyclonal

Specificity

Detects 55.686 kDa.

Cite This Product

Rabbit Anti-Human AKT1 (pTyr315) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-911)

Certificate Of Analysis

A 1:250 dilution of SPC-911 was sufficient for detection of AKT1 (pTyr315) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

AKT1 Antibody, AKT1_Human Antibody, PKB Antibody, Protein Kinase B Alpha Antibody, RAC Antibody

Cellular Localization

Cytoplasm, Cell membrane, Nucleus

Accession Number

NP_005154

Gene ID

207

Swiss Prot

P31749

Scientific Background

AKT1 is a protein-serine/threonine kinase which is inactive in the cytoplasm. When PI3K is activated by extracellular growth factors, AKT1 is recruited to the cell membrane and phosphorylated to become active. This leads to the induction of survival, proliferation, angiogenesis and metabolism pathways. AKT1 is also involved in cell-cycle progression via its inhibitory phosphorylation of cyclin-dependent kinases and activatory phosphorylation of mTOR. Upregulation of the PI3K/AKT pathways has been implicated in a variety of cancers.

Product Images

Currently there are no images for this product

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.