



# 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

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# Anti-AKT1 Antibody (PThr308)

Rabbit Anti-Human AKT1 (pThr308) Polyclonal  
Catalog No. SPC-910



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

AKT1 Antibody (pThr308)

### Description

Rabbit Anti-Human AKT1 (pThr308) 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 Thr308 of human Akt1 (AA305-311)

### 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

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### 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

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Polyclonal

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### Specificity

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Detects 55.686 kDa.

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### Cite This Product

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Rabbit Anti-Human AKT1 (pThr308) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-910)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-910 was sufficient for detection of AKT1 (pThr308) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

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## Biological Description

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### Alternative Names

AKT1 Antibody, AKT1\_Human Antibody, PKB Antibody, Protein Kinase B Alpha Antibody, RAC Antibody

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### Cellular Localization

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Cytoplasm, Cell membrane, Nucleus

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### Accession Number

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NP\_005154

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### Gene ID

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207

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### Swiss Prot

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P31749

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### Scientific Background

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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.

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## Product Images

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Currently there are no images for this product

### Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.