



# 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-BRSK1 Antibody (PThr189)

Rabbit Anti-Human BRSK1 (pThr189) Polyclonal  
Catalog No. SPC-927



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

BRSK1 Antibody (pThr189)

### Description

Rabbit Anti-Human BRSK1 (pThr189) 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 Thr189 of human BRSK1 (AA186-192)

### 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 86.753 kDa.

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### Cite This Product

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Rabbit Anti-Human BRSK1 (pThr189) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-927)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-927 was sufficient for detection of BRSK1 (pThr189) in 10 µg of human brain 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

Brain selective kinase 1 Antibody, Brain-specific serine/threonine-protein kinase 1 Antibody, BRSK 1 Antibody, hSAD1 Antibody, SAD1 Antibody, SADB Antibody, Serine/threonine kinase SAD B Antibody

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### Cellular Localization

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Cytoplasm, Nucleus

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### Accession Number

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NP\_115806

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### Gene ID

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84446

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### Swiss Prot

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Q8TDC3

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### Scientific Background

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BRSK1 (BR serine/threonine-protein kinase 1), also known as SAD1, is a 794 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one UBA domain and one protein kinase domain. Expressed in a variety of tissues with highest expression in testis and brain, BRSK1 uses magnesium as a cofactor to catalyze the ATP-dependent phosphorylation of target proteins, including Wee 1 and Cdc25B. Via its kinase activity toward proteins that are involved in microtubule assembly, BRSK1 plays an essential role in neuronal polarization and may be involved in regulating cell cycle arrest in response to DNA damage. Two isoforms of BRSK1 exist due to alternative splicing events.

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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.