



# 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

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## Anti-CLK1 Antibody (PSer337 + PThr338)

Rabbit Anti-Human CLK1 (pSer337 + pThr338) Polyclonal  
Catalog No. SPC-952



Discovery through partnership | Excellence through quality

### Overview

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#### Product Name

CLK1 Antibody (pSer337 + pThr338)

#### Description

Rabbit Anti-Human CLK1 (pSer337 + pThr338) 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 Ser337 and Thr338 of human CLK1 (AA334-341)

#### 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 57.205 kDa.

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### Cite This Product

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Rabbit Anti-Human CLK1 (pSer337 + pThr338) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-952)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-952 was sufficient for detection of CLK1 (pSer337 + pThr338) in 10 µg of 293T 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

CDC like kinase 1 Antibody, CDC28/CDC2 like kinase Antibody, CLK Antibody, CLK/STY Antibody, CLK1\_HUMAN Antibody, Protein tyrosine kinase STY Antibody, STY Antibody

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### Cellular Localization

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Nucleus

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### Accession Number

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NP\_001155879

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### Gene ID

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1195

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### Swiss Prot

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P49759

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### Scientific Background

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The CDC-like kinase 1 (CLK1) dually phosphorylates serine- and arginine-rich proteins of the spliceosomal complex, which constitutes a network of regulatory mechanisms that enable SR proteins to control RNA splicing. Specifically, CLK1 may mediate the release of specific proteins from nuclear storage sites. Expression of CLK1 may be very low due to a premature stop codon in the mRNA, which leads to nonsense-mediated mRNA decay. CLK1 activity is positively regulated by phosphorylation on either tyrosine residues or serine/threonine residues. CLK1 activity is negatively regulated by steric constraints mediated by the N-terminal domain and also by phosphorylation on a subset of serine/threonine residues within the catalytic domain.

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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.