



# SZABO SCANDIC

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## 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-GUK1 Antibody (PTyr53)

Rabbit Anti-Human GUK1 (pTyr53) Polyclonal  
Catalog No. SPC-992



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

GUK1 Antibody (pTyr53)

### Description

Rabbit Anti-Human GUK1 (pTyr53) 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 Tyr53 of human GUK1 (AA50-56)

### 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 21.726 kDa.

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### Cite This Product

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Rabbit Anti-Human GUK1 (pTyr53) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-992)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-992 was sufficient for detection of GUK1 (pTyr53) in 10 µg of human kidney 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

GMK Antibody, GMP kinase Antibody, Guanylate kinase Antibody, GUK1 Antibody, KGUA\_HUMAN Antibody

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### Cellular Localization

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Cytosol

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### Accession Number

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NP\_000849

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### Gene ID

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2987

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### Swiss Prot

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Q16774

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### Scientific Background

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GUK1 (guanylate kinase 1), also known as GMK (GMP kinase), is a 197 amino acid protein that contains one guanylate kinase-like domain and belongs to the guanylate kinase family. Ubiquitously expressed, GUK1 exists as a monomer that catalyzes the ATP-dependent conversion of GMP to GDP, thereby playing an essential role in the recycling of GMP. Via its catalytic activity, GUK1 is thought to participate in regulating the supply of guanine nucleotides to signal transduction pathways. Overexpression of GUK1 is associated with pituitary adenocarcinomas, suggesting that GUK1 is involved in tumorigenesis.

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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.