



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-PERK Antibody (PThr892)

Rabbit Anti-Human PERK (pThr892) Polyclonal
Catalog No. SPC-963



Discovery through partnership | Excellence through quality

Overview

Product Name

PERK Antibody (pThr892)

Description

Rabbit Anti-Human PERK (pThr892) 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 Thr892 of human PERK (AA889-895)

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 125.147 kDa.

Cite This Product

Rabbit Anti-Human PERK (pThr892) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-963)

Certificate Of Analysis

A 1:250 dilution of SPC-963 was sufficient for detection of PERK (pThr892) in 10 µg of HepG2 cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

Eif2ak3 Antibody, Eukaryotic translation initiation factor 2 alpha kinase 3 Antibody, Heme regulated EIF2 alpha kinase Antibody, HRI Antibody, HsPEK Antibody, Pancreatic eIF2-alpha kinase Antibody, PEK Antibody, PRKR-like Endoplasmic Reticulum kinase Antibody, WRS Antibody

Cellular Localization

Endoplasmic reticulum membrane

Accession Number

NP_004827

Gene ID

9451

Swiss Prot

Q9NZJ5

Scientific Background

PERK (eukaryotic translation initiation factor 2-? kinase 3, eIF2? kinase 3, PEK, WRS) is a Ser/Thr protein kinase, type I membrane protein of the endoplasmic reticulum that is abundant in secretory tissues and is inducible by ER-stress. PERK phosphorylates the ? subunit of eukaryotic translation-initiation factor 2 (EIF2), leading to its inactivation, a reduction of translation initiation and repression of global protein synthesis. PERK may serve as an effector of unfolded protein response (UPR)-induced G1 growth arrest due to the loss of cyclin D1. PERK dimerizes with HSPA5/BIP in resting cells and oligomerizes in ER-stressed cells. Perturbation in protein folding in the endoplasmic reticulum (ER) can promote dissociation from HSPA5/BIP and oligomerization, resulting in autophosphorylation and kinase activity induction.

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.