



# 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-Abl1 Antibody (PTyr257)

Rabbit Anti-Human Abl1 (pTyr257) Polyclonal  
Catalog No. SPC-903



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

Abl1 Antibody (pTyr257)

### Description

Rabbit Anti-Human Abl1 (pTyr257) 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 Tyr257 of human Abl1 (AA254-260)

### 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 122.945 kDa.

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### Cite This Product

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Rabbit Anti-Human Abl1 (pTyr257) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-903)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-903 was sufficient for detection of Abl1 (pTyr257) 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

Abelson tyrosine protein kinase 1 Antibody, ABL Antibody, c ABL Antibody, p150 Antibody, bcr/abl Antibody

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### Cellular Localization

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Cytoplasm, Cytoskeleton, Mitochondrion, Nucleus

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### Accession Number

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NP\_005148

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### Gene ID

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25

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### Swiss Prot

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P00519

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### Scientific Background

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ABL1 is a widely-expressed, non-receptor protein-tyrosine kinase. It is stabilized in the inactive form by an association between the SH3 domain and the SH2-TK linker region, interactions of the N-terminal cap, and contributions from an N-terminal myristoyl group and phospholipids. It is activated by autophosphorylation as well as by Src-family kinase-mediated phosphorylation. It can also be activated by RIN1 binding to the SH2 and SH3 domains. As it is stimulated by cell death inducers and DNA-damage, it is likely that the wild-type form of Abl1 is actually a tumour -suppressor protein. The normal active form of Abl1 is nuclear, and it is sequestered into the cytoplasm by interaction with 14-3-3 through Thr-735. It localizes to the mitochondria under conditions of oxidative stress.

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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.