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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Abl1 Antibody (PTyr469)

Rabbit Anti-Human Abl1 (pTyr469) Polyclonal
Catalog No. SPC-905



Discovery through partnership | Excellence through quality

Overview

Product Name

Abl1 Antibody (pTyr469)

Description

Rabbit Anti-Human Abl1 (pTyr469) 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 Tyr469 of human Abl1 (AA466-472)

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 122.945 kDa.

Cite This Product

Rabbit Anti-Human Abl1 (pTyr469) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-905)

Certificate Of Analysis

A 1:250 dilution of SPC-905 was sufficient for detection of Abl1 (pTyr469) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

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

Cellular Localization

Cytoplasm, Cytoskeleton, Mitochondrion, Nucleus

Accession Number

NP_005148

Gene ID

25

Swiss Prot

P00519

Scientific Background

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.

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.