
Phospho-ZAP70 (Tyr493) Rabbit pAb

Catalog Number: bs-3479R

Target Protein: Phospho-ZAP70 (Tyr493)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Pig, Cow, Horse)

Predicted MW: 68 kDa

Entrez Gene: 7535

Swiss Prot: P43403

Source: KLH conjugated Synthesised phosphopeptide derived from human Zap-70 around the phosphorylation site of Tyr493: SY(p-Y)TA.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].