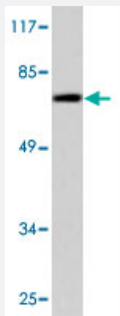


ZAP70 polyclonal antibody

Catalog # PAB27119 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate treated with PMA 125ng/ml 30' treated. Using ZAP70 polyclonal antibody (Cat # PAB27119).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ZAP70.
Immunogen	A synthetic peptide corresponding to human ZAP70.
Host	Rabbit
Theoretical MW (kDa)	70
Reactivity	Human, Mouse
Specificity	ZAP70 polyclonal antibody detects endogenous levels of ZAP70 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — ZAP70

Entrez GeneID
[7535](#)
Protein Accession#
[P43403](#)
Gene Name

ZAP70

Gene Alias

FLJ17670, FLJ17679, SRK, STD, TZK, ZAP-70

Gene Description

zeta-chain (TCR) associated protein kinase 70kDa

Omim ID
[176947](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

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]

Other Designations

syk-related tyrosine kinase|zeta-chain (TCR) associated protein kinase (70 kD)|zeta-chain associated protein kinase 70kDa|zeta-chain associated protein kinase, 70kD

Pathway

- [Natural killer cell mediated cytotoxicity](#)

- [Primary immunodeficiency](#)
- [T cell receptor signaling pathway](#)

Disease

- [HIV Infections](#)