

ZAP-70 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09647
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic peptide from human protein at AA range: 391-440
Mol wt	69872
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	ZAP-70 Antibody
Synonyms	Tyrosine-protein kinase ZAP-70 (EC 2.7.10.2) (70 kDa zeta-chain associated protein) (Syk-related tyrosine kinase)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ZAP70 (zeta chain of T cell receptor associated protein kinase 70) 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 ZAP70 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 ZAP70.

Recommended Dilution

IHC-p: 1: 50 - 200

ELISA: 1: 10000 - 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year