

ZAP70 antibody

Product Information

Catalog No.:	FNab09582
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (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.

Immunogen information

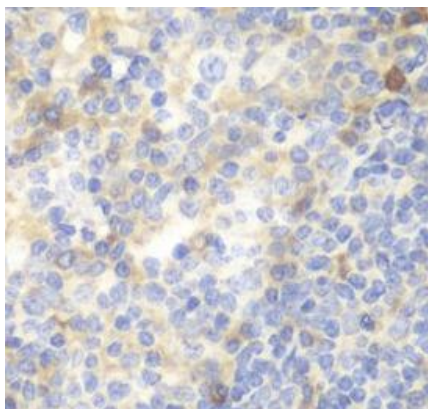
Immunogen:	zeta-chain (TCR) associated protein kinase 70kDa
Synonyms:	Tyrosine-protein kinase ZAP-70 70 kDa zeta-chain associated protein Syk-related tyrosine kinase ZAP70 SRK
Observed MW:	69 kDa
Uniprot ID :	P43403

Application

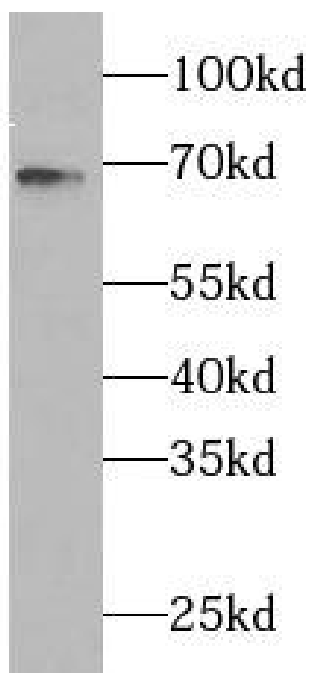
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human amygdalitis using FNab09582(ZAP70 antibody) at dilution of 1:50



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab09582(ZAP70 antibody) at dilution of 1:1000