

ZAP70 Antibody

Catalog No: #32657

Package Size: #32657-1 50ul #32657-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

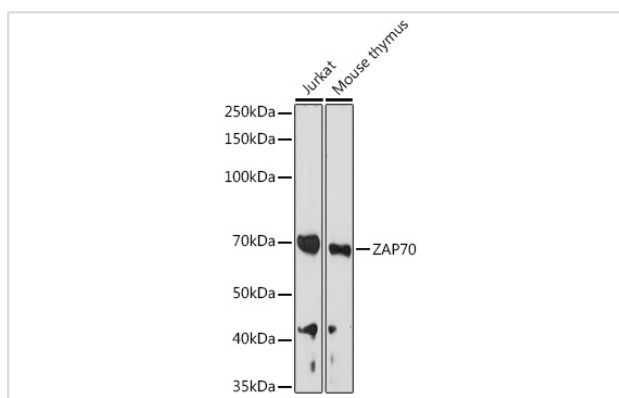
Description

Product Name	ZAP70 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ZAP70 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human ZAP70 (NP_001070.2).
Target Name	ZAP70
Other Names	ZAP70;ADMIO2;IMD48;SRK;STCD;STD;TZK;ZAP-70
Accession No.	Uniprot:P43403GeneID:7535
SDS-PAGE MW	70KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using ZAP70 antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.