

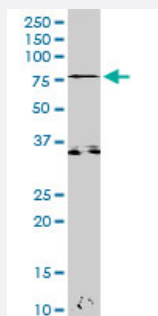
MaxPab®

ZAP70 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007535-D01P

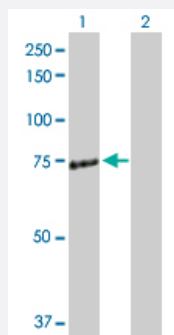
Size 100 ug

Applications



Western Blot (Tissue lysate)

ZAP70 MaxPab rabbit polyclonal antibody. Western Blot analysis of ZAP70 expression in mouse spleen.



Western Blot (Transfected lysate)

Western Blot analysis of ZAP70 expression in transfected 293T cell line ([H00007535-T02](#)) by ZAP70 MaxPab polyclonal antibody.

Lane 1: ZAP70 transfected lysate(69.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ZAP70 protein.

Immunogen

ZAP70 (AAH53878.1, 1 a.a. ~ 619 a.a) full-length human protein.

Sequence	MPDPA AHL PFFYGSISR AEAEHLKLAGMADGLFLLRQCLRSLGGYVLSLVHDVRFHHFPIERQL NGTYA IAGGKAHCGPAELCEFYSRDPDGLPCNLRKPCNRPSGLEPQPGVFDCLRDAMVRDYVR QTWKLEGEALEQAISQAPQVEKLIATTAHERMPWYHSSLTREEAERKLYSGAQTDGKFLLRPRKE QGTYALSLYGKTVYHYLISQDKAGKYCIPEGTKFDTLWQLVEYLKADGLIYCLKEACPNSSASN ASGAAPTLPAHPSTLTHPQRRIDTLNSDGYTPEPARITSPDKPRMPMDTSVYESPYSDPEELK DKKLFLKRDNLLADIELGCGNFGSVRQGVYRMRKKQIDVAIKVLKQGTEKADTEEMMREAQIMHQ LDNPYVRLIGVCQAEALMLVMEMAGGGPLHKFLVGKREEIPVSNVAELLHQVSMGMKYLEEKNF VHRDLAARNVLLVNRHYAKISDFGLSKALGADDSYYTARSAGKWPLKWYAPECINFRKFSSRSDV WSYGVTMWEALSYGQKPYKKMKGPEVMAFIEQGKRMECPPECPELYALMSDCWYKWEDRP DFLTVEQRM RACYYS LASKVEGPPGSTQKAEACA
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (94); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ZAP70 MaxPab rabbit polyclonal antibody. Western Blot analysis of ZAP70 expression in mouse spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ZAP70 expression in transfected 293T cell line ([H00007535-T02](#)) by ZAP70 MaxPab polyclonal antibody.

Lane 1: ZAP70 transfected lysate(69.90 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ZAP70

Entrez GeneID [7535](#)

GeneBank Accession# [NM_001079](#)

Protein Accession#	AAH53878.1
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](#)