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ZAP70 (Phospho-Tyr493) Rabbit pAb

货号: AYP15063

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB, IHC, ICC/IF
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:100 **IF/ICC:** 1:50 - 1:200
理论分子量	69kDa
实测分子量	70KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat
细胞定位	Cell membrane,Cytoplasm,Peripheral membrane protein
纯化	Affinity purification

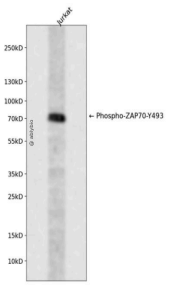
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y493 of human ZAP70 (NP_001070.2).

靶点信息

研究背景	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.
基因ID	7535
基因名	ZAP70
Swiss	P43403 (https://www.uniprot.org/uniprotkb/P43403/entry)
别名	ZAP70,ADMIO2,IMD48,SRK,STCD,STD,TZK,ZAP-70,Phospho-ZAP70-Y493 Rabbit pAb,70 kDa zeta-chain associated protein,Syk-related tyrosine kinase

产品验证



Western blot analysis of Phospho-ZAP70-Y493 expressed in Jurkat using Phospho-ZAP70-Y493 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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