

产品名称: SLP-76 (phospho Tyr128) Rabbit Polyclonal Antibody
产品货号: APRab05433



产品概述 (Summary)

产品名称 (Production Name)	SLP-76 (phospho Tyr128) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	LCP2
别名 (Alternative Names)	LCP2; Lymphocyte cytosolic protein 2; SH2 domain-containing leukocyte protein of 76 kDa; SLP-76 tyrosine phosphoprotein; SLP76
基因 ID (Gene ID)	3937.0
蛋白 ID (SwissProt ID)	Q13094.The antiserum was produced against synthesized peptide derived from human SLP-76 around the phosphorylation site of Tyr128. AA range:94-143

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
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蛋白分子量 (Molecular Weight) 75kDa

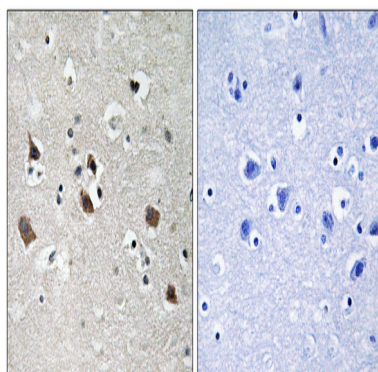
研究背景 (Background)

SLP-76 was originally identified as a substrate of the ZAP-70 protein tyrosine kinase following T cell receptor (TCR) ligation in the leukemic T cell line Jurkat. The SLP-76 locus has been localized to human chromosome 5q33 and the gene structure has been partially characterized in mice. The human and murine cDNAs both encode 533 amino acid proteins that are 72% identical and comprised of three modular domains. The NH2-terminus contains an acidic region that includes a PEST domain and several tyrosine residues which are phosphorylated following TCR ligation. SLP-76 also contains a central proline-rich domain and a COOH-terminal SH2 domain. A number of additional proteins have been identified that associate with SLP-76 both constitutively and inducibly following receptor ligation, supporting the notion that SLP-76 functions as an adaptor or scaffold protein. Studies using SLP-76 deficient T cell lines have shown that the SH2 domain mediates interaction with SHB, function: Involved in T-cell antigen receptor mediated signaling, PTM: Phosphorylated after T-cell receptor activation by ZAP-70, similarity: Contains 1 SAM (sterile alpha motif) domain, similarity: Contains 1 SH2 domain, subunit: Interacts with SLA. Interacts with CBLB (By similarity). Interacts with the adapter proteins GRB2 and FYN. Interacts with SHB. Interacts with PRAM1, tissue specificity: Highly expressed in spleen, thymus, and peripheral blood leukocytes. Highly expressed also in T-cell and monocytic cell lines, expressed at lower level in B-cell lines. Not detected in fibroblast or neuroblastoma cell lines.

研究领域 (Research Area)

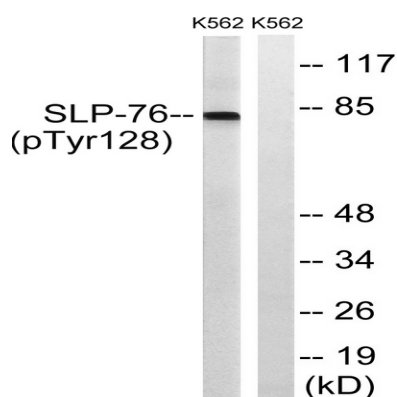
Natural killer cell mediated cytotoxicity; T_Cell_Receptor; Fc epsilon RI;

图片 (Image Data)

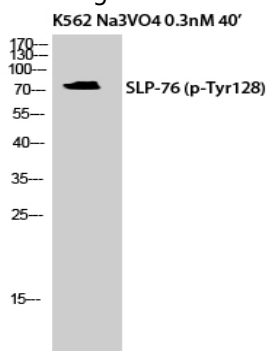


Immunohistochemistry analysis of paraffin-embedded human brain, using SLP-76 (Phospho-Tyr128) Antibody. The picture on the right is blocked with the phospho peptide.

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Western blot analysis of lysates from K562 cells treated with Na₃VO₄ 0.3nM 40', using SLP-76 (Phospho-Tyr128) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of K562 cells using Phospho-SLP-76 (Y128) Polyclonal Antibody

注意事项 (Note)

For research use only .