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Phospho-LCP2-Y145 Rabbit pAb

货号: **AYP20400**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	60kDa
实测分子量	76kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-937
细胞定位	Cytoplasm
纯化	Affinity purification

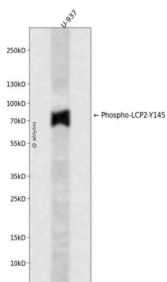
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y145 of human LCP2 (NP_005556.1).
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靶点信息

研究背景	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 NH ₂ -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 C-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 or mice have provided strong evidence that SLP-76 plays a positive role in promoting T cell development and activation as well as mast cell and platelet function.
基因ID	3937
基因名	LCP2
Swiss	Q13094 (https://www.uniprot.org/uniprotkb/Q13094/entry)
别名	LCP2,SLP-76,SLP76,Phospho-LCP2-Y145 Rabbit pAb,SH2 domain-containing leukocyte protein of 76 kDa,SLP-76 tyrosine phosphoprotein

产品验证



Western blot analysis of Phospho-LCP2-Y145 expressed in U-937 using Phospho-LCP2-Y145 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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