

DNAxPAb

Hard-to-Find
Antibody

LCP2 DNAxPab

Catalog # H00003937-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LCP2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MALRNVPFRSEVLGWDPDSLADYFKKLNKYDCEKAVKKYHIDGARFLNLTENDIQKFPKLRVPILS KLSQEINKNEERRSIFTRKPQVPRFPEETESHEEDNGGWSSFEEDDYESPNDQDGEDDGDYE SPNEEEEAPVEDDADYEPSPSNDEEALQNSILPAKPFNPNSNSMYDRPPSGKTPQQPPVPPQRP MAALPPPAGRNHSPPLPPQTNHEEPSRSRNHKTAKLPAPSIDRSTKPPPLDRSLAPFDREPFTL GKKPPFSDKPSIPAGRSLGEHLPKIQKPPLPPTTERHERSSPLPGKKPPVPKHGWGPDRRENDE DDVHQRPLPQPALLPMSSNTFPSRSTKPSPMNPLPSSHMPGAFSESNSFFQSASLPPYFSQG PSNRPPIRAEGRNFLPLPNKPRPPSPAEENSLNEEWYVSYTRPEAEALRKINQDGTFLVRDS SKKTTTNPYVLMVLYKDKVYNIQIRYQKESQVYLLGTGLRGKEDFLSVSDIIDYFRKMPLLLIDGKNR GSRYQCTLTHAAGYP
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — LCP2

Entrez GeneID [3937](#)

GeneBank Accession# [BC016618.1](#)

Protein Accession# [AAH16618.1](#)

Gene Name LCP2

Gene Alias SLP-76, SLP76

Gene Description lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)

Omim ID [601603](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 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. [provided by RefSeq]

Other Designations

76 kDa tyrosine phosphoprotein|SH2 domain-containing leukocyte protein of 76kD|lymphocyte cytosolic protein 2|lymphocyte cytosolic protein 2 (SH2 domain-containing leukocyte protein of 76kDa)

Pathway

- [Fc epsilon RI signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Lymphedema](#)