Datasheet for ABIN94501

anti-LCP2 antibody (AA 216-434)

2 Images

Go to Product page

Overview

Quantity:	0.1 mg
Target:	LCP2
Binding Specificity:	AA 216-434
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Bacterially expressed fusion protein representing amino acids 216-434 of human SLP76 with histidine tag
Specificity:	The polyclonal antibody reacts with SLP76, a 76 kDa cytosolic adaptor protein that is involved in signaling of various hematopoietic cells, such as T cells, mast cells or neutrophils, in B cells, however, it is replaced by SLP65.
Cross-Reactivity (Details):	Other not tested, Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)
Endotoxin Level:	Low Endotoxin

Copyright antibodies-online. All rights reserved.

Target Details

Target:	LCP2
Alternative Name:	SLP76 (LCP2 Products)
Background:	Lymphocyte cytosolic protein 2,SLP76 (SH2 domain-containing leukocyte protein of 76 kDa) is a cytosolic adaptor protein which translocates to the plasma mambrane and is involved in multiple signaling pathways in T cells, mast cells, neutrophils and platelets, B cells express its analog SLP65/BLNK (B cell linker protein). SLP76 is phosphorylated by Syk-family and Tec-family tyrosine kinases and couples them to the phosphorylation and activation of PLC-gamma. Via Gads or Grb2, SLP76 also associates with LAT adaptor by involvement of SLP76 proline-rich region. The SH2 domain of SLP76 has been identified as the region involved in binding the serine/threonine kinase HPK1. HPK1 may act as both a positive and a negative regulator by promoting the Jnk-mitogen activated protein kinase (MAPK) pathway and inhibiting the pathway leading to AP-1 activation.,SLP-76, LCP2
Gene ID:	3937
UniProt:	Q13094
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway

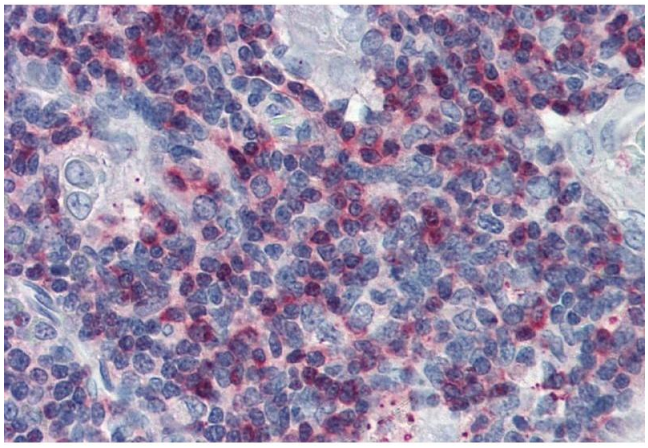
Application Details

Application Notes:	Western blotting: Positive control: JURKAT human T cell leukemia cell lysate, reducing conditions, Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/mL, positive tissue: thymus.
Restrictions:	For Research Use only

Handling

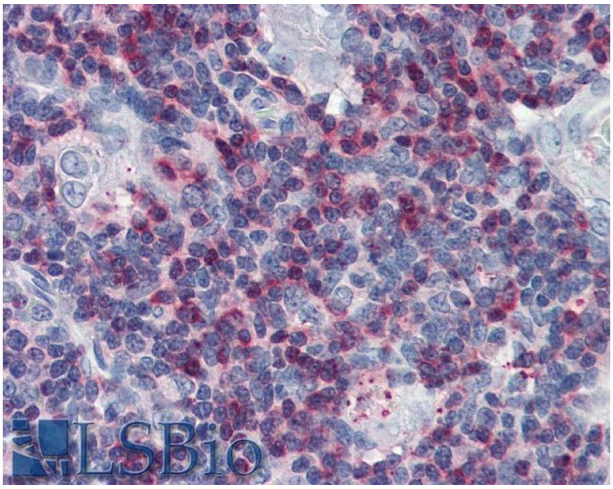
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	**Do not freeze.**
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Copyright antibodies-online. All rights reserved.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry staining of human thymus (paraffin sections) with anti-SLP76 polyclonal.



Immunohistochemistry

Image 2. Immunohistochemistry staining of human thymus (paraffin sections) with anti-SLP76 polyclonal. Commercially tested by LifeSpan BioSciences.

 Copyright antibodies-online. All rights reserved.