

## 30-1283: Anti-SLP76 Polyclonal Antibody

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB, IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	LCP2
<b>Gene ID :</b>	3937
<b>Uniprot ID :</b>	Q13094
<b>Format :</b>	Purified
<b>Alternative Name :</b>	LCP2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Bacterially expressed fusion protein representing amino acids 216-434 of human SLP76 with histidine tag

### Description

SLP76 (SH2 domain-containing leukocyte protein of 76 kDa) is a cytosolic adaptor protein which translocates to the plasma membrane 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.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified from rabbit serum by precipitation methods
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Immunohistochemistry** Recommended dilution: 10  $\mu$ g/ml

Positive tissue: thymus

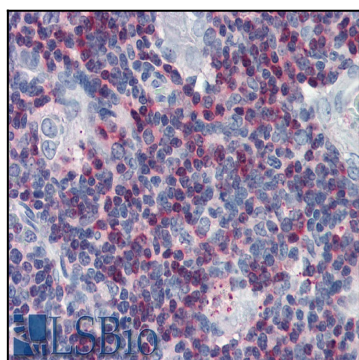


Figure 1: Immunohistochemistry staining of human thymus (paraffin sections) with anti-SLP76 polyclonal.