



Goat anti-LSP1 Antibody

Item Number	dAP-2070
Target Molecule	Principle Name: LSP1; Official Symbol: LSP1; All Names and Symbols: LSP1; lymphocyte-specific protein 1; WP34; pp52; 47 kDa actin binding protein; 52 kDa phosphoprotein; F-actin binding and cytoskeleton associated protein; leufactin (leukocyte F-actin binding protein); leukocyte-specific protein 1; lymphocyte-specific ant; Accession Number (s): NP_002330.1; NP_001013271.1; Human Gene ID(s): 4046; Non-Human GeneID(s): 16331 (mouse) 54259 (rat)
Immunogen	RYK FVATGHGKYEKV, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_002330.1; NP_001013271.1). Reported variants represent identical protein: NP_001013273.1, NP_001013271.1, NP_001013272.1
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Lymph Node, Tonsil and Peripheral Blood Mononucleocytes lysates (calculated MW of 37.2kDa according to NP_002330.1). The observed molecular weight corresponds to earlier findings in literature with differ
IHC	
Reference	Reference(s): Gringhuis SI, den Dunnen J, Litjens M, van der Vlist M, Geijtenbeek TB, Carbohydrate-specific signaling through the DC-SIGN signalosome tailors immunity to Mycobacterium tuberculosis, HIV-1 and Helicobacter pylori. Nature immunology 2009 Oct 10 (10): 1081-8..PMID: 19718030->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**