

#### **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB09869 - Goat Anti-LSP1 (aa261-275) Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** 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, lymphocyte-specific protein 1, pp52, WP34, LSP1

Official Symbol: LSP1

Accession Number(s): NP\_002330.1; NP\_001013271.1

Human GeneID(s): 4046

**Important Comments:** 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

# **Immunogen**

Peptide with sequence C-ASTKSRWETGEVQAQ, from the internal region of the protein sequence according to NP\_002330.1; NP\_001013271.1.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

#### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Approx 55kDa band observed in Human Lymph Node, Tonsil and in Human 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 different antibodies (Liu et al, J Exp Med. 2005 Feb 7;201(3):409-18. PMID: 15684321). Recommended concentration: 1-3μg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09869 (1µg/ml) staining of Peripheral Blood Lymphocytes lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.