

## LKB1 Polyclonal Antibody

<b>CATALOG #:</b>	3950-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 294 of mouse LKB1
<b>INTERNAL ID#:</b>	BV-H38A
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat

### FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-LKB1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

### STORAGE CONDITIONS:

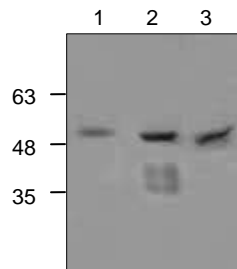
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

LKB1 is a tumor suppressor that belongs to the serine/threonine kinase family. Mutation in LKB1 is link to Peutz Jeghers syndrome (PJS), a disorder characterized by the growth of polyps in the gastrointestinal tract. LKB1 regulate AMPK signaling pathway and may also play a role in chromatin remodeling, cell cycle arrest and cell polarity

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3950BP-50) is available separately.



**Cat. #:3950-100 LKB1 Antibody.** Western blot analysis of LKB1 with lysate from HeLa cells (Lane 1), 3T3 cells (Lane 2) and rat kidney (Lane 3).

### RELATED PRODUCTS:

- Apoptosis Detection Kits & Reagents
  - Annexin V Kits & Bulk Reagents
  - Caspase Assay Kits & Reagents
  - Mitochondrial Apoptosis Kits & Reagents
  - Nuclear Apoptosis Kits & Reagents
  - Apoptosis Inducers and Set
  - Apoptosis siRNA Vectors
- Cell Fractionation System
  - Mitochondria/Cytosol Fractionation Kit
  - Nuclear/Cytosol Fractionation Kit
  - Membrane Protein Extraction Kit
  - Cytosol/Particulate Rapid Separation Kit
  - Mammalian Cell Extraction Kit
  - FractionPREP Fractionation System
- Cell Proliferation & Senescence
  - Quick Cell Proliferation Assay Kit
  - Senescence Detection Kit
  - High Throughput Apoptosis/Cell Viability Assay Kits
  - LDH-Cytotoxicity Assay Kit
  - Bioluminescence Cytotoxicity Assay Kit
  - Live/Dead Cell Staining Kit
- Cell Damage & Repair
  - HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
  - HAT Colorimetric Assay Kit & Reagents
  - DNA Damage Quantification Kit
  - Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits
- Signal Transduction
  - cAMP & cGMP Assay Kits
  - Akt & JNK Activity Assay Kits
  - Beta-Secretase Activity Assay Kit
- Adipocyte & Lipid Transfer
  - Recombinant Adiponectin, Survivin, & Leptin
  - CETP Activity Assay & Drug Discovery Kits
  - PLTP Activity Assay & Drug Discovery Kits
  - Total Cholesterol Quantification Kit
- Molecular Biology & Reporter Assays
  - siRNA Vectors
  - Cloning Insert Quick Screening Kit
  - Mitochondrial & Genomic DNA Isolation Kits
  - 5 Minutes DNA Ligation Kit
  - 20 Minutes Gel Staining/Destaining Kit
  - β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit
- Growth Factors and Cytokines
- Monoclonal and Polyclonal Antibodies

**FOR RESEARCH USE ONLY! Not to be used on humans.**