# Rabbit anti-Mouse, Rat LKB1 Polyclonal Antibody | anti-LKB1 antibody

LKB1 Antibody (Ser428)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA226136** | **Rabbit** | **Mouse, Rat** | **ELISA, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

LKB1; Polyclonal Antibody; LKB1 Antibody (Ser428); Rabbit Polyclonal LKB1 Antibody (Ser428); Polyclonal LKB1 antibody; Anti-LKB1 antibody; Renal carcinoma antigen NY-REN-19 antibody; serine/threonine kinase 11 antibody; Serine/threonine-protein kinase 11 antibody; Serine/threonine-protein kinase LKB1 antibody; STK11 antibody; LKB-1 antibody; PAR-4 antibody; PAR4 antibody; PJS antibody; polarization-related protein LKB1 antibody; anti-LKB1 antibody

## PRODUCT SPECIFICATIONS

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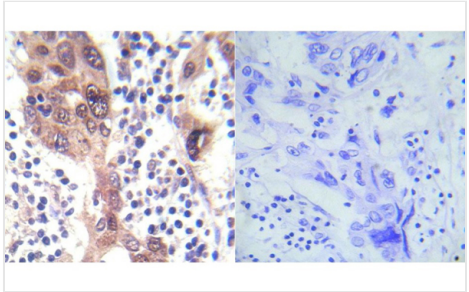
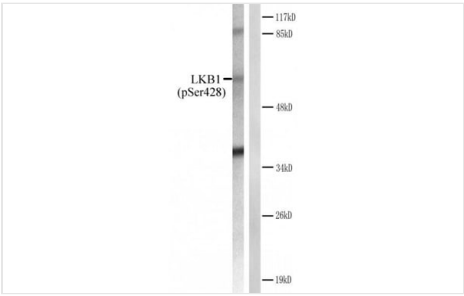
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | LKB1 antibody (Ser428) detects endogenous levels of LKB1 only when phosphorylated at serine 428 |
| **Purity/Purification** | Affinity Chromatography |
| **Form/Format** | Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol |
| **Concentration** | 1 mg/ml (varies by lot) |
| **Applicable Applications for anti-LKB1 antibody** | ELISA, IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | LKB1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human LKB1 around the phosphorylation site of serine 428 (R-L-SP-A-C) as the immunogen. |
| **Cross-Reactivity** | mouse, rat |
| **Preparation and Storage** | Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles. |

## IMAGES



**IHC (Immunohiostchemistry)**
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using LKB1 antibody (Ser428




**WB (Western Blot)**
Western blot analysis of extracts from CV-1 cells treated with forsklin. Left: Using LKB1 (phospho- Ser428) antibody. Right: Using the same antibody preincubated with synthesized peptide.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-LKB1 antibody** | LKB1 encodes a serine-threonine kinase that directly phosphorylates and activates AMPK, a central metabolic sensor. |
| **Product Categories/Family for anti-LKB1 antibody** | Cancer |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/lkb1-antibody-immunohistochemistry-western-blot-elisa/226136