

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

LKB1 (Phospho-Ser428) Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA318265 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

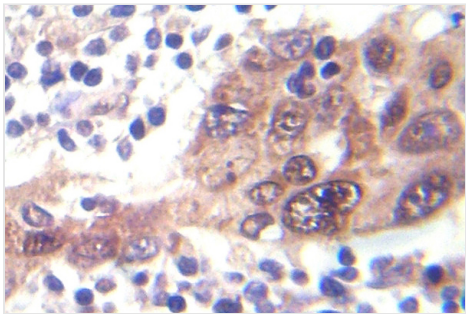
### PRODUCT SYNONYMS

LKB1; Polyclonal Antibody; LKB1 (Phospho-Ser428) Antibody; anti-LKB1 antibody

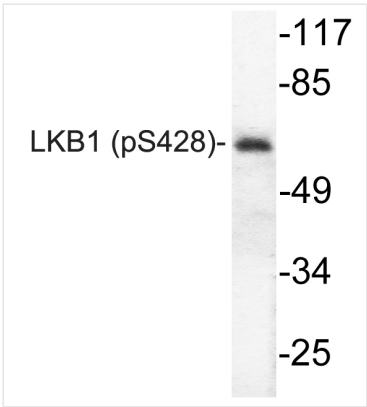
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | LKB1 (Phospho-Ser428) antibody detects endogenous levels of LKB1 only when phosphorylated at Ser428.                                                                                             |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (Phospho-without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                       |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 404                                                                                                                                                                                              |
| Applicable Applications for anti-LKB1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:S428; M:S428                                                                                                                                                                                   |
| Immunogen                                      | The antiserum was produced against synthesized phospho-peptide derived from human LKB1 around the phosphorylation site of Ser428.                                                                |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

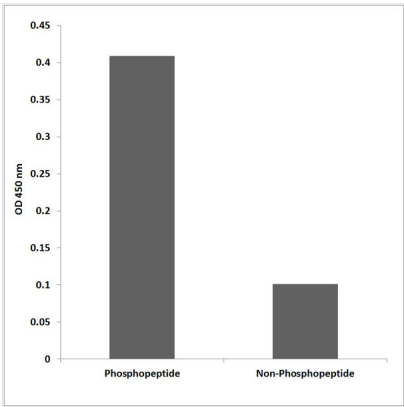
IMAGES



**IHC (Immunohistochemisry)**  
Immunohistochemistry analysis of phospho-LKB1 (Phospho-Ser428) antibody in paraffin-embedded human breast carcinoma tissue.



**WB (Western Blot)**  
Western blot analysis of lysates from forsklin treated CV-1 cells, using phospho-LKB1 (Phospho-Ser428) antibody.



**ELISA**  
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using LKB1 (Phospho-Ser428) Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 4507271                               |
| NCBI GeneID                      | 6794                                  |
| NCBI Accession #                 | NP_000446.1                           |
| NCBI GenBank Nucleotide #        | NM_000455.4                           |
| UniProt Accession #              | Q15831; B2RBX7; E7EW76                |
| Molecular Weight                 | 48 kDa                                |
| NCBI Official Full Name          | serine/threonine-protein kinase STK11 |
| NCBI Official Synonym Full Names | serine/threonine kinase 11            |
| NCBI Official Symbol             | STK11                                 |
| NCBI Official Synonym Symbols    | PJS; LKB1; hLKB1                      |
| NCBI Protein Information         | serine/threonine-protein kinase STK11 |
| UniProt Protein Name             | Serine/threonine-protein kinase STK11 |
| UniProt Gene Name                | STK11                                 |

**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://www.aaabiotech.com/polyclonal/lkb1-antibody-immunohistochemistry-western-blot-elisa/318265>