

## LIMK2 Antibody | anti-LIMK2 antibody

LIMK2 (Phospho-Thr505) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA112058</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

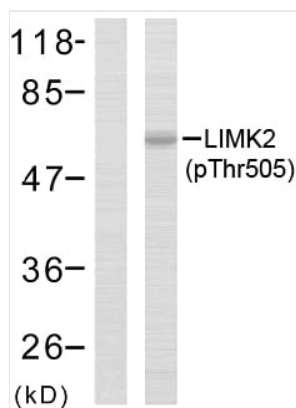
### PRODUCT SYNONYMS

LIMK2; LIMK2 (Phospho-Thr505) Antibody; anti-LIMK2 antibody

### PRODUCT SPECIFICATIONS

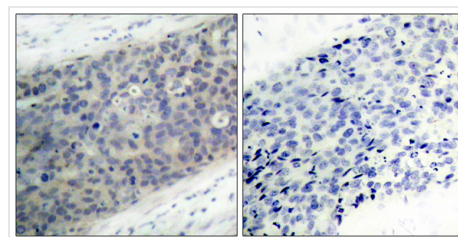
|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | LIMK2 (phospho-Thr505) antibody detects endogenous levels of LIMK2 only when phosphorylated at threonine 505.                                                                                                                                       |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 686                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-LIMK2 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human LIMK2 around the phosphorylation site of threonine 505 (R-Y-TP-V-V).                                                                                               |
| Preparation and Storage                         | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of the extracts from MCF7 cells using LIMK2 (phospho-Thr505) antibody.



#### IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using LIMK2 (phospho-Thr505) antibody.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-LIMK2 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Soosairajah J, et al. (2005) EMBO J. Ohashi K, et al. (2000) J Biol Chem; 275(5): 3577-82. Edwards DC, et al. (1999) Nat Cell Biol; 1(5): 253-9. |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 73390140                                               |
| NCBI GeneID                      | 3985                                                   |
| NCBI Accession #                 | NP_001026971.1                                         |
| NCBI GenBank Nucleotide #        | NM_001031801.1                                         |
| UniProt Accession #              | P53671; Q7KZ80; Q7L3H5; Q96E10; Q99464; Q9UFU0; A8K6H5 |
| Molecular Weight                 | 77,886 Da                                              |
| NCBI Official Full Name          | LIM domain kinase 2 isoform 1                          |
| NCBI Official Synonym Full Names | LIM domain kinase 2                                    |
| NCBI Official Symbol             | LIMK2                                                  |
| NCBI Protein Information         | LIM domain kinase 2                                    |
| UniProt Protein Name             | LIM domain kinase 2                                    |
| UniProt Gene Name                | <b>LIMK2</b>                                           |
| UniProt Synonym Gene Names       | LIMK-2                                                 |

**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/human-mouse-rat-antibody/limk2/112058>