

# Anti-LIMK1 (Thr-508) [LIMK2 (Thr-505)], Phosphospecific Antibody

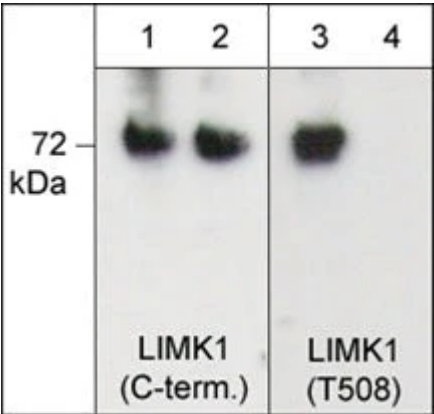


## Product Details

|                    |                                                                                                                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:LP1891)                                                                                                                                                                                                                       |
| Conjugate          | Unconjugated                                                                                                                                                                                                                              |
| Isotype            | IgG                                                                                                                                                                                                                                       |
| Gene Name          | LIMK1                                                                                                                                                                                                                                     |
| Host Species       | Rabbit                                                                                                                                                                                                                                    |
| Format             | Antigen Affinity Purified                                                                                                                                                                                                                 |
| Physical State     | Liquid                                                                                                                                                                                                                                    |
| Buffer             | PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol                                                                                                                                                                                |
| Applications       | ELISA, WB                                                                                                                                                                                                                                 |
| Dilution Ranges    | WB: 1:1000                                                                                                                                                                                                                                |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                                                                         |
| Immunogen          | LIMK1 (Thr-508) synthetic peptide (coupled to carrier protein) corresponding to amino acids surrounding threonine 508 in human LIMK1. This sequence is conserved in rat and mouse LIMK1, and has high homology to Thr-505 in human LIMK2. |
| Specificity        | The antibody detects a 72 kDa* protein corresponding to the molecular mass of LIMK1 on SDS-PAGE immunoblots of activated mouse recombinant LIMK1, but does not detect this protein after lambda phosphatase treatment.                    |
| Molecular Weight   | 72                                                                                                                                                                                                                                        |
| Quality Control    | Western blots performed on each lot.                                                                                                                                                                                                      |
| Storage            | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.                                                                                    |

|                                         |                                                                                                                                                                        |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt ID                              | <u>P53667</u>                                                                                                                                                          |
| Country of Origin                       | United States                                                                                                                                                          |
| Shipping                                | Blue Ice                                                                                                                                                               |
| Expiration                              | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| Usage Statement                         | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| Post Translational Modification Type    | Phosphorylated                                                                                                                                                         |
| Post Translational Modification Residue | Thr-508                                                                                                                                                                |

Product Images



Western blot image of activated mouse recombinant LIMK1 untreated (lanes 1 & 3) or treated with lambda phosphatase (lanes 2 & 4). The blots were probed with anti-LIMK1 (C-term.) (lanes 1 & 2) and anti-LIMK1 (Thr-508) (lanes 3 & 4).

Product Page URL: [www.antibodiesinc.com/products/anti-limk1-thr-508-limk2-thr-505-phosphospecific-antibody-lp1891](http://www.antibodiesinc.com/products/anti-limk1-thr-508-limk2-thr-505-phosphospecific-antibody-lp1891)

