

## Rabbit AMPKB1 Polyclonal Antibody | anti-AMPKB1 antibody

AMPKB1 antibody (Ser182)

|                               |                       |                                                                  |
|-------------------------------|-----------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA224253</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

AMPKB1; Polyclonal Antibody; AMPKB1 antibody (Ser182); Polyclonal AMPKB1; Anti-AMPKB1; 5'-AMP-activated protein kinase beta-1 subunit; 5'-AMP-activated protein kinase subunit beta-1; AAKB1; AMP-activated protein kinase beta subunit; AMPK; AMPK beta -1 chain; AMPK beta 1; AMPK subunit beta-1; AMPKb; HAMPKb; MGC17785; PRKAB1; protein kinase AMP-activated beta 1 non-catalytic subunit; protein kinase AMP-activated noncatalytic beta-1; anti-AMPKB1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                       |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                            |
| Isotype                                          | IgG                                                                                                                                                                                   |
| Specificity                                      | AMPKB1 antibody (Ser182) detects endogenous levels of AMPKB1 only when phosphorylated at serine 182                                                                                   |
| Purity/Purification                              | AMPKB1 antibody was purified by affinity chromatography                                                                                                                               |
| Form/Format                                      | Liquid; PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol                                                                                                                  |
| Concentration                                    | 1 mg/ml (varies by lot)                                                                                                                                                               |
| Applicable Applications for anti-AMPKB1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                  |
| Biological Significance                          | AMPKB1 is a non-catalytic subunit of AMPK, a conserved kinase of the CAMKL family. AMPK is an energy-sensing protein that plays a key role in regulating cellular energy homeostasis. |
| Cross-Reactivity                                 | Human, Mouse, Rat                                                                                                                                                                     |
| Immunogen                                        | AMPKB1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human AMPKB1 around the phosphorylation site of serine 182 (S-S-SP-P-P) as the immunogen.        |
| Preparation and Storage                          | Ships on blue ice.<br>Store at -20°C.                                                                                                                                                 |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from Jurkat cells. Left: Using AMPKbeta1 (phospho-Ser182) antibody. Right: Using the same antibody preincubated with synthesized peptide.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using AMPKB1 antibody (Ser182)

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AMPKB1 antibody | Rabbit Polyclonal AMPKB1 antibody (Ser182)                                                                                        |
| Product Categories/Family for anti-AMPKB1 antibody   | <a href="#">Proteases</a> ; <a href="#">Inhibitors</a> ; <a href="#">Enzymes</a> ; <a href="#">Purified Polyclonal Antibodies</a> |

**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/ampkb1-antibody-immunohistochemistry-western-blot-elisa/224253>