



# GOAT ANTI-PRKAB1 ANTIBODY

**SKU:** EB07747



## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                                |
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| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                                                                                                                                                                |
| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                     |
| <b>Synonym / Alias Names</b> | protein kinase, AMP-activated, noncatalytic, beta-1 AMPK beta 1 AMPK beta -1 chain AMP-activated protein kinase beta subunit AMP-activated protein kinase beta 1 non-catalytic subunit 5'1-AMP-activated protein kinase beta-1 subunit MGC17785 HAMPKb AMPK protein kinase, AMP-activated, beta 1 non-catalytic subunit PRKAB1 |
| <b>Accession ID</b>          | NP_006244.2                                                                                                                                                                                                                                                                                                                    |
| <b>Blocking Peptide</b>      | EBP07747                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>             | Peptide with sequence C-QHDLEANDKAPAQ, from the internal region of the protein sequence according to NP_006244.2.                                                                                                                                                                                                              |
| <b>Product Comments</b>      | This antibody is not expected to cross-react with PRKAB2.                                                                                                                                                                                                                                                                      |
| <b>Peptide Sequence</b>      | C-QHDLEANDKAPAQ                                                                                                                                                                                                                                                                                                                |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                                                                                          |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                                                                                                                   |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog                                                                                                                                                                                                                                                                                                         |
| <b>Reactive Species</b>      | Human                                                                                                                                                                                                                                                                                                                          |
| <b>Human Gene ID</b>         | 5564                                                                                                                                                                                                                                                                                                                           |
| <b>Mouse Gene ID</b>         | 19079                                                                                                                                                                                                                                                                                                                          |
| <b>Rat Gene ID</b>           | 83803                                                                                                                                                                                                                                                                                                                          |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>                                                                                              |



**ELISA**

**Detection Limit** Antibody detection limit dilution 1:64000.

**Western Blot** Western Blot: Approx 28kDa band observed in Human Liver lysates (calculated MW of 30.3kDa according to NP\_114075.1). Recommended concentration: 0.1-0.3µg/ml.

**Application Type** Pep-ELISA, WB