

## Rabbit AMPK beta 1 Polyclonal Antibody | anti-PRKAB1 antibody

Anti-AMPK beta 1 Antibody

|                               |                       |                                                |                                                           |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA263900</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Bovine</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|

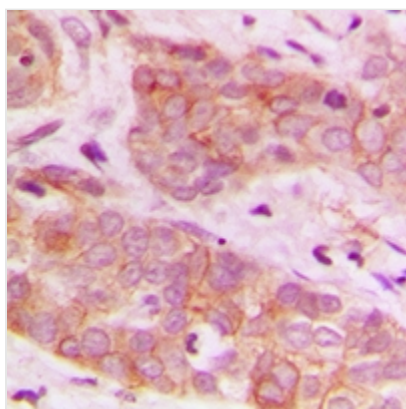
### PRODUCT SYNONYMS

AMPK beta 1; Polyclonal Antibody; Anti-AMPK beta 1 Antibody; AMPK; 5'-AMP-activated protein kinase subunit beta-1; AMPK subunit beta-1; AMPKb; anti-PRKAB1 antibody

### PRODUCT SPECIFICATIONS

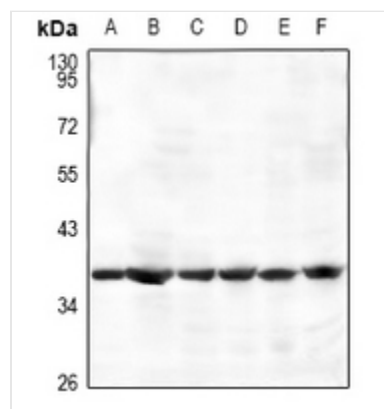
|                                                  |                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                    |
| Reactivity                                       | Human, Mouse, Rat, Bovine                                                                                 |
| Clonality                                        | Polyclonal                                                                                                |
| Specificity                                      | Recognizes endogenous levels of AMPK beta 1 protein.                                                      |
| Purity/Purification                              | Purified by immunogen affinity chromatography.                                                            |
| Form/Format                                      | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| Sequence Length                                  | 270                                                                                                       |
| Applicable Applications for anti-PRKAB1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AMPK beta 1.   |
| Preparation and Storage                          | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of AMPK beta 1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of AMPK beta 1 expression in HeLa (A), HepG2 (B), K562 (C), PC3 (D), MCF7 (E), mouse spleen (F) whole cell lysates.

ADDITIONAL INFORMATION

|                                                      |                                           |
|------------------------------------------------------|-------------------------------------------|
| Related Product Information for anti-PRKAB1 antibody | Rabbit polyclonal antibody to AMPK beta 1 |
|------------------------------------------------------|-------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 19923359                                                  |
| NCBI GeneID                      | 5564                                                      |
| NCBI Accession #                 | NP_006244.2                                               |
| NCBI GenBank Nucleotide #        | NM_006253.4                                               |
| UniProt Accession #              | Q9Y478; Q9UBV0; Q9UE20; Q9UEX2; Q9Y6V8                    |
| Molecular Weight                 | 30,382 Da                                                 |
| NCBI Official Full Name          | 5'-AMP-activated protein kinase subunit beta-1            |
| NCBI Official Synonym Full Names | protein kinase AMP-activated non-catalytic subunit beta 1 |
| NCBI Official Symbol             | PRKAB1                                                    |
| NCBI Official Synonym Symbols    | AMPK; HAMPKb                                              |
| NCBI Protein Information         | 5'-AMP-activated protein kinase subunit beta-1            |
| UniProt Protein Name             | 5'-AMP-activated protein kinase subunit beta-1            |
| UniProt Gene Name                | <b>PRKAB1</b>                                             |
| UniProt Synonym Gene Names       | AMPK; AMPK subunit beta-1; AMPKb                          |

**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/ampk-beta-1-antibody-immunohistochemistry-western-blot-elisa/263900>