

## Rabbit AMPKa1/AMPKa2 Polyclonal Antibody | anti-AMPKa1/AMPKa2 antibody

AMPKa1/AMPKa2 Polyclonal Antibody

|                               |                       |                                        |                                                                               |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA311134</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

AMPKa1/AMPKa2; Polyclonal Antibody; AMPKa1/AMPKa2 Polyclonal Antibody; anti-AMPKa1/AMPKa2 antibody

### PRODUCT SPECIFICATIONS

|                                                         |                                                                        |
|---------------------------------------------------------|------------------------------------------------------------------------|
| Host                                                    | Rabbit                                                                 |
| Reactivity                                              | Human, Mouse, Rat                                                      |
| Clonality                                               | Polyclonal                                                             |
| Isotype                                                 | IgG                                                                    |
| Purity/Purification                                     | Affinity purification                                                  |
| Form/Format                                             | PBS with 50% glycerol, pH7.4                                           |
| Applicable Applications for anti-AMPKa1/AMPKa2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                               | Recombinant protein of human PRKAA1/PRKAA2                             |
| Conjugation                                             | Unconjugated                                                           |
| Preparation and Storage                                 | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cells using AMPKa1/AMPKa2 Polyclonal Antibody.


**WB (Western Blot)**

Western blot analysis of extracts of A-549 cells, using PRKAA1/PRKAA2 antibody.

### ADDITIONAL INFORMATION

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| Product Categories/Family for anti-AMPKa1/AMPKa2 antibody | Total protein Ab |
|-----------------------------------------------------------|------------------|

### NCBI AND UNIPROT INFORMATION

|                         |                |
|-------------------------|----------------|
| NCBI GI #               | 27469582       |
| NCBI GeneID             | 5562           |
| UniProt Accession #     | Q13131; P54646 |
| Molecular Weight        | 64,009 Da      |
| NCBI Official Full Name | PRKAA1 protein |

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Synonym Full Names | protein kinase, AMP-activated, alpha 1 catalytic subunit                                                                                                                                                                                                       |
| NCBI Official Symbol             | PRKAA1                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | AMPK; AMPKa1                                                                                                                                                                                                                                                   |
| NCBI Protein Information         | 5'-AMP-activated protein kinase catalytic subunit alpha-1; ACACA kinase; AMPK alpha 1; HMGCR kinase; AMPK subunit alpha-1; tau-protein kinase PRKAA1; acetyl-CoA carboxylase kinase; AMP -activate kinase alpha 1 subunit; hydroxymethylglutaryl-CoA reductase |
| UniProt Protein Name             | 5'-AMP-activated protein kinase catalytic subunit alpha-1                                                                                                                                                                                                      |
| UniProt Gene Name                | <b>PRKAA1</b>                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | AMPK1; AMPK subunit alpha-1; ACACA kinase; HMGCR kinase                                                                                                                                                                                                        |
| UniProt Entry Name               | AAPK1_HUMAN                                                                                                                                                                                                                                                    |

**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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