

# KD-Validated Anti-Ribosomal Protein S6 Kinase B2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1879

## Product Information

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| <b>Application</b>       | WB, FC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Primary Accession</b> | <a href="#">Q9UBS0</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clone Names</b>       | 24GB5075                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Calculated MW</b>     | 53455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Name</b>         | RPS6KB2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Aliases</b>           | RPS6KB2; Ribosomal Protein S6 Kinase B2; STK14B; P70-BETA; P70S6Kb; S6Kbeta; S6KB; KLS; 70 KDa Ribosomal Protein S6 Kinase 2; Serine/Threonine-Protein Kinase 14B; Ribosomal Protein S6 Kinase Beta-2; P70 Ribosomal S6 Kinase Beta; S6 Kinase-Related Kinase; P70 S6 Kinase Beta; P70 S6K-Beta; EC 2.7.11.1; S6K-Beta-2; P70-S6K 2; S6K-Beta; P70 S6KB; P70S6K2; S6K2; SRK; Ribosomal Protein S6 Kinase, 70kDa, Polypeptide 2; Ribosomal Protein S6 Kinase, 70kD, Polypeptide 2; Serine/Threonine-Protein Kinase 14 Beta; P70(S6K)-Beta; P70-Beta-1; P70-Beta-2; S6K-Beta2; EC 2.7.11; P70-Beta; S6KI(2); S6Kβ |
| <b>Immunogen</b>         | Recombinant protein of human P70 S6 Kinase beta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Additional Information

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| <b>Gene ID</b>     | 6199                                                                                                                                                                                                                                                                                                        |
| <b>Other Names</b> | Ribosomal protein S6 kinase beta-2, S6K-beta-2, S6K2, 2.7.11.1, 70 kDa ribosomal protein S6 kinase 2, P70S6K2, p70-S6K 2, S6 kinase-related kinase, SRK, Serine/threonine-protein kinase 14B, p70 ribosomal S6 kinase beta, S6K-beta, p70 S6 kinase beta, p70 S6K-beta, p70 S6KB, p70-beta, RPS6KB2, STK14B |

## Protein Information

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| <b>Name</b>     | RPS6KB2                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b> | STK14B                                                                                                                                                                                                                                                                                                                              |
| <b>Function</b> | Phosphorylates specifically ribosomal protein S6 (PubMed: <a href="#">29750193</a> ). Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7 (PubMed: <a href="#">29750193</a> ). |

**Cellular Location**

Cytoplasm. Nucleus.

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