

## Rabbit anti-Human, mouse Rps6kb2 Polyclonal Antibody | anti-Rps6kb2 antibody

Mouse Rps6kb2 Antibody (C-term)

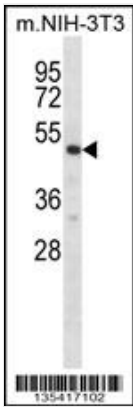
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS        |
|-----------|--------|--------------|---------------------|
| AAA284311 | Rabbit | Human, mouse | ELISA, Western Blot |

### PRODUCT SYNONYMS

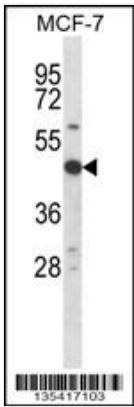
Rps6kb2; Polyclonal Antibody; Mouse Rps6kb2 Antibody (C-term); Ribosomal protein S6 kinase beta-2; S6K-beta-2; S6K2; 70 kDa ribosomal protein S6 kinase 2; p70 ribosomal S6 kinase beta; p70 S6 kinase beta; p70 S6K-beta; p70 S6KB; anti-Rps6kb2 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                           |
| Reactivity                                        | Human, mouse                                                                                                                                                                     |
| Clonality                                         | Polyclonal                                                                                                                                                                       |
| Isotype                                           | Rabbit Ig                                                                                                                                                                        |
| Specificity                                       | This Mouse Rps6kb2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 318-346 amino acids from the C-terminal region of mouse Rps6kb2. |
| Purity/Purification                               | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                       |
| Form/Format                                       | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.     |
| Concentration                                     | Vial Concentration: 0.5 (varies by lot)                                                                                                                                          |
| Sequence Positions                                | 318-346                                                                                                                                                                          |
| Sequence Length                                   | 485                                                                                                                                                                              |
| Applicable Applications for anti-Rps6kb2 antibody | ELISA, WB (Western Blot)                                                                                                                                                         |
| Antigen Type                                      | Synthetic Peptide                                                                                                                                                                |
| Antigen Source                                    | MOUSE                                                                                                                                                                            |
| Preparation and Storage                           | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                           |



WB (Western Blot)  
Mouse Rps6kb2 Antibody (C-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Rps6kb2 antibody detected the Rps6kb2 protein (arrow).



WB (Western Blot)  
Mouse Rps6kb2 Antibody (C-term) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the Rps6kb2 antibody detected the Rps6kb2 protein (arrow).

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Rps6kb2 antibody | Phosphorylates specifically ribosomal protein S6.                                                                                                                                                                                                                                                                              |
| Product Categories/Family for anti-Rps6kb2 antibody   | <a href="#">Signal Transduction</a>                                                                                                                                                                                                                                                                                            |
| References                                            | Lai, K.P., et al. EMBO J. 29(17):2994-3006(2010)<br>Michels, A.A., et al. Mol. Cell. Biol. 30(15):3749-3757(2010)<br>Alain, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(4):1576-1581(2010)<br>Pastor, M.D., et al. J. Biol. Chem. 284(33):22067-22078(2009)<br>Kroczyńska, B., et al. Mol. Cell. Biol. 29(10):2865-2875(2009) |

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | <a href="#">10946894</a>                                     |
| NCBI GeneID                      | <a href="#">58988</a>                                        |
| NCBI Accession #                 | <a href="#">NP_067460.1</a>                                  |
| NCBI GenBank Nucleotide #        | <a href="#">NM_021485.2</a>                                  |
| UniProt Accession #              | <a href="#">Q9Z1M4</a>                                       |
| Molecular Weight                 | 53538                                                        |
| NCBI Official Full Name          | ribosomal protein S6 kinase beta-2                           |
| NCBI Official Synonym Full Names | ribosomal protein S6 kinase, polypeptide 2                   |
| NCBI Official Symbol             | Rps6kb2                                                      |
| NCBI Official Synonym Symbols    | S6K2; 70kDa                                                  |
| NCBI Protein Information         | ribosomal protein S6 kinase beta-2                           |
| UniProt Protein Name             | Ribosomal protein S6 kinase beta-2                           |
| UniProt Gene Name                | <b>Rps6kb2</b>                                               |
| UniProt Synonym Gene Names       | S6K-beta-2; S6K2; p70 S6 kinase beta; p70 S6K-beta; p70 S6KB |
| UniProt Entry Name               | KS6B2_MOUSE                                                  |

**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/rps6kb2-antibody-western-blot-elisa/284311>