

## Rabbit RPS6KB2 Polyclonal Antibody | anti-RPS6KB2 antibody

RPS6KB2 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA166298</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

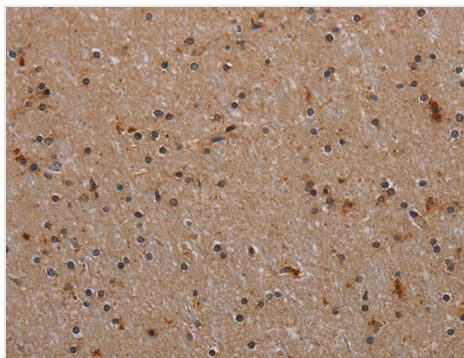
### PRODUCT SYNONYMS

RPS6KB2; Polyclonal Antibody; RPS6KB2 Polyclonal Antibody; KLS; SRK; S6K2; STK14B; p70S6Kb; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta; anti-RPS6KB2 antibody

### PRODUCT SPECIFICATIONS

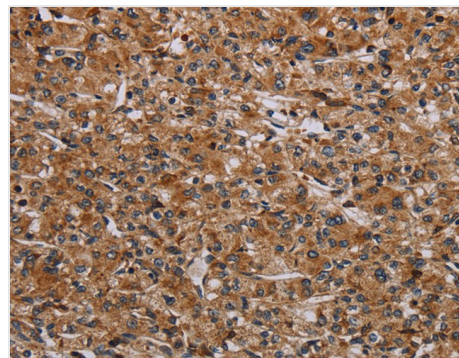
|                                                   |                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                    |
| Reactivity                                        | Human, Mouse, Rat                                                                         |
| Clonality                                         | Polyclonal                                                                                |
| Isotype                                           | IgG                                                                                       |
| Purity/Purification                               | Antigen affinity purification                                                             |
| Concentration                                     | 2.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                   | 482                                                                                       |
| Applicable Applications for anti-RPS6KB2 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                         | Synthetic peptide of human RPS6KB2                                                        |
| Buffer                                            | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                           | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human brain tissue using RPS6KB2 Polyclonal Antibody at dilution 1:40



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using RPS6KB2 Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RPS6KB2 antibody | This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation. |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 296434560                                                                                                                                                                                                                                                                                            |
| NCBI GeneID                      | 6199                                                                                                                                                                                                                                                                                                 |
| Molecular Weight                 | 16,868 Da                                                                                                                                                                                                                                                                                            |
| NCBI Official Full Name          | Ribosomal protein S6 kinase beta-2                                                                                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | ribosomal protein S6 kinase, 70kDa, polypeptide 2                                                                                                                                                                                                                                                    |
| NCBI Official Symbol             | RPS6KB2                                                                                                                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | KLS; SRK; S6K2; STK14B; p70S6Kb; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta                                                                                                                                                                                                          |
| NCBI Protein Information         | ribosomal protein S6 kinase beta-2; 70 kDa ribosomal protein S6 kinase 2; P70S6K2; S6 kinase-related kinase; S6K-beta; S6K-beta-2; p70 S6 kinase beta; p70 S6K-beta; p70 S6KB; p70 ribosomal S6 kinase beta; p70-S6K 2; serine/threonine-protein kinase 14 beta; serine/threonine-protein kinase 14B |
| UniProt Protein Name             | Ribosomal protein S6 kinase beta-2                                                                                                                                                                                                                                                                   |
| UniProt Gene Name                | RPS6KB2                                                                                                                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | STK14B; S6K-beta-2; S6K2; P70S6K2; p70-S6K 2; SRK; S6K-beta; p70 S6 kinase beta; p70 S6K-beta; p70 S6KB; p70-beta                                                                                                                                                                                    |
| UniProt Entry Name               | KS6B2_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.