

## Rabbit anti-Human RSK3 Polyclonal Antibody | anti-RSK3 antibody

Rabbit anti-RSK3 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA212568 | Rabbit | Human      | Immunohistochemistry, Immunoprecipitation |

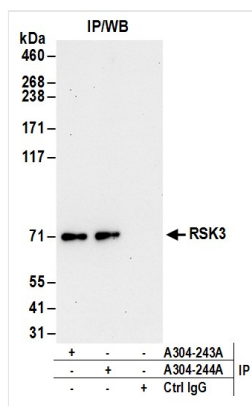
### PRODUCT SYNONYMS

RSK3; Polyclonal Antibody; Rabbit anti-RSK3 Antibody; Affinity Purified; pp90RSK3; S6K-alpha2; S6K-alpha; RSK-3; RSK; ribosomal S6 kinase 3; ribosomal protein S6 kinase; 90kDa; polypeptide 2; ribosomal protein S6 kinase alpha-2; S6K-alpha-2; MAPK-activated protein kinase 1c; HU-2; p90-RSK3; MAP kinase-activated protein kinase 1c; 90 kDa ribosomal protein S6 kinase 2; MAPKAP kinase 1C; MAPKAPK1C; MAPKAPK-1c; mitogen-activated protein kinase-activated protein kinase 1C; p90-RSK 2; p90RSK2; Ribosomal protein S6 kinase alpha-2; ribosomal protein S6 kinase A2; anti-RSK3 antibody

### PRODUCT SPECIFICATIONS

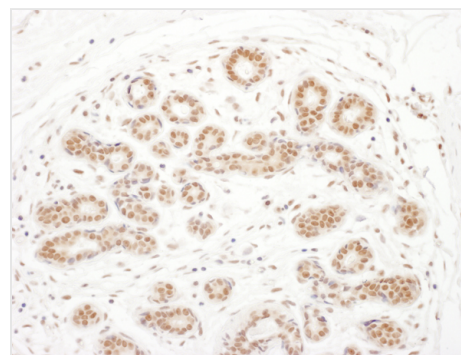
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human                                                                                     |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-RSK3 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation)                                      |
| Immunogen                                      | Between 1 and 50                                                                          |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### IP (Immunoprecipitation)

Detection of human RSK3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-RSK3 antibody AAA212568 (lot AAA212568-1) used for IP at 6 ug/mg lysate. RSK3 was also immunoprecipitated by rabbit anti-RSK3 antibody For blotting immunoprecipitated RSK3, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



#### IHC (Immunohistochemistry)

Detection of human RSK3 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-RSK3 (Cat. No. AAA212568 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-<br>RSK3 antibody | RSK3 is a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q15349">www.uniprot.org/uniprot/Q15349</a> ]. |
| Product Categories/Family for anti-<br>RSK3 antibody   | <a href="#">Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">19923570</a>                                                                                                                                                     |
| NCBI GeneID                      | <a href="#">6196</a>                                                                                                                                                         |
| NCBI Accession #                 | <a href="#">NP_066958.2</a> ; <a href="#">NP_001006933.1</a>                                                                                                                 |
| NCBI GenBank Nucleotide #        | <a href="#">NM_021135.5</a>                                                                                                                                                  |
| UniProt Accession #              | <a href="#">Q15349</a> ; <a href="#">Q15419</a> ; <a href="#">Q59GJ3</a> ; <a href="#">Q5TI68</a> ; <a href="#">Q96J38</a> ; <a href="#">Q9UJN5</a> ; <a href="#">B3KTK9</a> |
| Molecular Weight                 | 84,014 Da                                                                                                                                                                    |
| NCBI Official Full Name          | ribosomal protein S6 kinase alpha-2 isoform a                                                                                                                                |
| NCBI Official Synonym Full Names | ribosomal protein S6 kinase A2                                                                                                                                               |
| NCBI Official Symbol             | RPS6KA2                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | RSK; HU-2; RSK3; p90RSK2; p90-RSK3; pp90RSK3; MAPKAPK1C; S6K-alpha; S6K-alpha2                                                                                               |
| NCBI Protein Information         | ribosomal protein S6 kinase alpha-2                                                                                                                                          |
| UniProt Protein Name             | Ribosomal protein S6 kinase alpha-2                                                                                                                                          |
| UniProt Gene Name                | <b>RPS6KA2</b>                                                                                                                                                               |
| UniProt Synonym Gene Names       | MAPKAPK1C; RSK3; S6K-alpha-2; p90-RSK 2; p90RSK2; MAPK-activated protein kinase 1c; MAPKAP kinase 1c; MAPKAPK-1c; RSK-3                                                      |
| UniProt Entry Name               | KS6A2_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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Online datasheet: <https://www.aaabiotech.com/polyclonal/rsk3-antibody-immunohistochemistry-immunoprecipitation-elisa/212568>