

Datasheet for ABIN745199

**anti-RPS6KA3 antibody (pSer380) (Cy7)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                            |
| Target:              | RPS6KA3                                                                                                                           |
| Binding Specificity: | pSer380                                                                                                                           |
| Reactivity:          | Human, Mouse                                                                                                                      |
| Host:                | Rabbit                                                                                                                            |
| Clonality:           | Polyclonal                                                                                                                        |
| Conjugate:           | This RPS6KA3 antibody is conjugated to Cy7                                                                                        |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                       |                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic phosphopeptide derived from human p90RSK around the phosphorylation site of Ser380 |
| Isotype:              | IgG                                                                                                         |
| Cross-Reactivity:     | Human, Mouse                                                                                                |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Horse,Rabbit                                                                                |
| Purification:         | Purified by Protein A.                                                                                      |

## Target Details

|         |         |
|---------|---------|
| Target: | RPS6KA3 |
|---------|---------|

## Target Details

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| Alternative Name: | p90RSK ( <a href="#">RPS6KA3 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Background:       | <p>Synonyms: p90 RSK1, p90rsk, p90S6K, pp90RSK1, Ribosomal protein S6 kinase 90kD 1, Ribosomal protein S6 kinase 90kD polypeptide 1, Ribosomal protein S6 kinase 90 kDa polypeptide 1, Ribosomal protein S6 kinase alpha 1, Ribosomal protein S6 kinase polypeptide 1, Ribosomal S6 kinase 1, RPS6K1 alpha, rps6ka, Rps6ka1, RSK 1, RSK 1 p90, RSK, RSK1, S6K alpha 1, 90 kDa ribosomal protein S6 kinase 1, dJ590P13.1 ribosomal protein S6 kinase, 90kD, polypeptide 1, dJ590P13.1, EC 2.7.11.1, HU 1, HU1, MAP kinase activated protein kinase 1a, MAPKAP kinase 1A, MAPKAPK1A, MGC79981, Mitogen-activated protein kinase-activated protein kinase 1A, OTTHUMP00000004113.</p> <p>Background: Rsk1 is a member of a family of 90 kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsks appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB.</p> |
| Gene ID:          | 6196                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pathways:         | <a href="#">MAPK Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Application Details

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|--------------------|-------------------------------------------------------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200                                                |
| Restrictions:      | For Research Use only                                                                                       |
| Handling           |                                                                                                             |
| Format:            | Liquid                                                                                                      |
| Concentration:     | 1 µg/µL                                                                                                     |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative:      | ProClin                                                                                                     |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be                         |

Handling

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|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
|                  | handled by trained staff only.                                                    |
| Storage:         | -20 °C                                                                            |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date:     | 12 months                                                                         |