

Datasheet for ABIN360345  
**anti-RPS6KA3 antibody (N-Term)**



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2 Images

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | RPS6KA3                                         |
| Binding Specificity: | N-Term                                          |
| Reactivity:          | Human                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This RPS6KA3 antibody is un-conjugated          |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|               |                                                                                                                                              |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human RSK3. |
| Isotype:      | Ig Fraction                                                                                                                                  |
| Specificity:  | This antibody reacts to RSK2 (RPS6KA3).                                                                                                      |
| Purification: | Protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS                          |

## Target Details

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Target:           | RPS6KA3                                             |
| Alternative Name: | RPS6KA3 / RSK2 ( <a href="#">RPS6KA3 Products</a> ) |

## Target Details

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:     | 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. Mutations in the gene have been associated with Coffin-Lowry syndrome (CLS).Synonyms: ISPK-1, ISPK1, MAPKAPK-1b, MAPKAPK1, RSK-2, Ribosomal S6 kinase 2, Ribosomal protein S6 kinase alpha-3, S6K-alpha-3, p90RSK3 |
| Gene ID:        | 6197                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NCBI Accession: | <a href="#">NP_004577</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt:        | <a href="#">P51812</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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

|                    |                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/10 - 1/50.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions:      | For Research Use only                                                                                                                                                                                        |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.25 mg/mL                                                                                                             |
| Buffer:            | PBS with 0.09 % (W/V) sodium azide                                                                                     |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.                            |

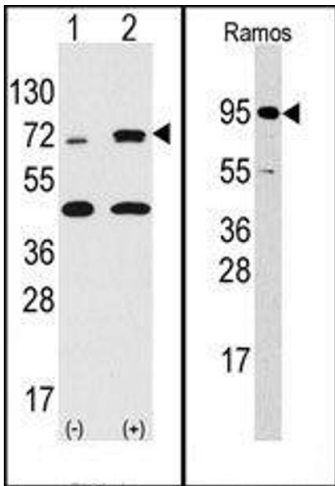


Image 1.

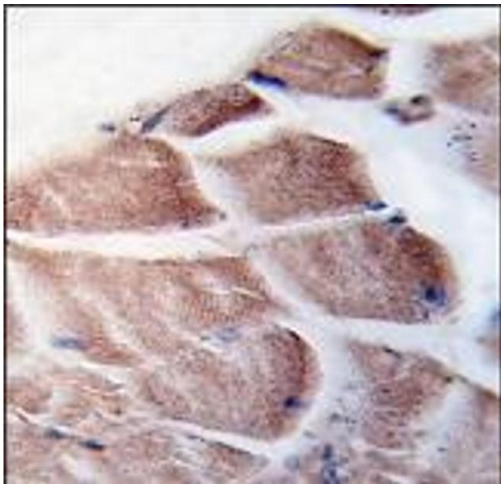


Image 2.