

Datasheet for ABIN1104066  
**anti-RPS6KA3 antibody (C-Term)**



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1 Image

## Overview

|                      |                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Quantity:            | 50 µL                                                                                                          |
| Target:              | RPS6KA3                                                                                                        |
| Binding Specificity: | C-Term                                                                                                         |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Chicken                                                                           |
| Host:                | Rabbit                                                                                                         |
| Clonality:           | Polyclonal                                                                                                     |
| Conjugate:           | This RPS6KA3 antibody is un-conjugated                                                                         |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand:        | IHC-plus™                                                                                                                                              |
| Immunogen:    | Peptide corresponding to amino acid residues from the C-terminal region of mouse ribosomal S6 kinase 2, conjugated to keyhole limpet hemocyanin (KLH). |
| Specificity:  | Specific for the ~90k RSK2 protein                                                                                                                     |
| Purification: | Immunoaffinity purified                                                                                                                                |

## Target Details

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

## Target Details

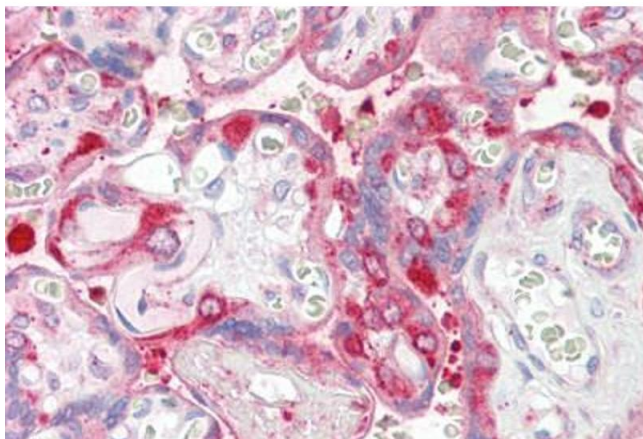
|             |                                                                                                                                                                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: RPS6KA3<br>Subfamily: RSK<br>Family: Protein Kinase<br><br>Synonyms: RPS6KA3, Coffin-Lowry syndrome, HU-2, ISPK1, MAPKAP kinase 1B, MAPKAPK-1b, MRX19, Ribosomal S6 kinase 2, RSK-2, p90-RSK 3, p90RSK3, RSK, RSK2, S6K-alpha-3, S6K-alpha3, CLS, ISPK-1, MAPKAPK1B, p90-RSK2, Pp90RSK2 |
| Gene ID:    | 6197                                                                                                                                                                                                                                                                                                  |
| 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: | Approved: IHC, IHC-P (1:100), WB (1:1000) |
| Comment:           | Target Species of Antibody: Mouse         |
| Restrictions:      | For Research Use only                     |

## Handling

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Format:          | Liquid                                                                   |
| Concentration:   | Lot specific                                                             |
| Buffer:          | 10 mM HEPES ( pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol. |
| Handling Advice: | Avoid freeze-thaw cycles.                                                |
| Storage:         | 4 °C,-20 °C                                                              |
| Storage Comment: | Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.    |



#### Immunohistochemistry

**Image 1.** Anti-RPS6KA3 / RSK2 antibody IHC staining of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1104066 dilution 1:100.