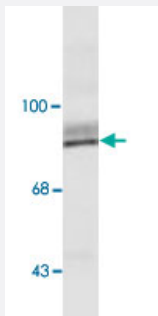


# Rps6ka2 polyclonal antibody

Catalog # PAB16943      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot of HeLa lysate showing specific immunolabeling of the ~90k Rps6ka2 protein.

## Specification

|                             |  |
|-----------------------------|--|
| <b>Product Description</b>  | Rabbit polyclonal antibody raised against synthetic peptide of Rps6ka2.  |
| <b>Immunogen</b>            | A synthetic peptide corresponding to C-terminus of rat Rps6ka2.  |
| <b>Host</b>                 | Rabbit   |
| <b>Theoretical MW (kDa)</b> | 90   |
| <b>Reactivity</b>           | Bovine, Chicken, Dog, Human, Mouse, Rat  |
| <b>Specificity</b>          | This antibody has been demonstrated to work in human tissue. It is anticipated that This antibody will work in bovine, canine, chicken, mouse and rat tissues based on the fact that these species have 100% homology with the amino acid sequence used as antigen. specific to ~90k RSK2 protein. |
| <b>Form</b>                 | Liquid   |
| <b>Purification</b>         | Affinity purification  |
| <b>Recommend Usage</b>      | Western Blot (1:1000)<br>The optimal working dilution should be determined by the end user.  |
| <b>Storage Buffer</b>       | In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 0.1 mg/mL BSA)  |

## Storage Instruction

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

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## Gene Info — Rps6ka2

|                    |   |
|--------------------|---|
| Entrez GeneID      | <a href="#">117269</a>  |
| Protein Accession# | <a href="#">Q9WUT3</a>  |
| Gene Name          | Rps6ka2   |
| Gene Alias         | -   |
| Gene Description   | ribosomal protein S6 kinase polypeptide 2   |
| Gene Ontology      | <a href="#">Hyperlink</a>   |
| Gene Summary       | 90kD  |
| Other Designations | ribosomal protein S6 kinase, 90kD, polypeptide 2 ribosomal protein S6 kinase, polypeptide 2 |

## Publication Reference

- [p90 ribosomal S6 kinase 2 exerts a tonic brake on G protein-coupled receptor signaling.](#)

Sheffler DJ, Kroeze WK, Garcia BG, Deutch AY, Hufeisen SJ, Leahy P, Bruning JC, Roth BL.  
PNAS 2006 Mar; 103(12):4717.

Application: IF, IHC, IP, WB-Tr, Human, Mouse, Rat, C6-glioma cells, HEK 293 cells, Mouse fibroblasts, Rat brain

- [Coffin-Lowry syndrome: clinical and molecular features.](#)

Hanauer A, Young ID.  
Journal of Medical Genetics 2002 Oct; 39(10):705.