

**RPS6KA2 Antibody (C-Term, near)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2830a****Specification**

---

**RPS6KA2 Antibody (C-Term, near) - Product Information**

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Application       | WB                                                                                  |
| Primary Accession | <a href="#">Q15349</a>                                                              |
| Other Accession   | <a href="#">NP_066958.2</a> , <a href="#">NP_001006933.1</a> , <a href="#">6196</a> |
| Reactivity        | Rat                                                                                 |
| Predicted         | Human, Mouse, Horse                                                                 |
| Host              | Goat                                                                                |
| Clonality         | Polyclonal                                                                          |
| Concentration     | 0.5 mg/ml                                                                           |
| Isotype           | IgG                                                                                 |
| Calculated MW     | 83239                                                                               |

**RPS6KA2 Antibody (C-Term, near) - Additional Information****Gene ID** 6196**Other Names**

Ribosomal protein S6 kinase alpha-2, S6K-alpha-2, 2.7.11.1, 90 kDa ribosomal protein S6 kinase 2, p90-RSK 2, p90RSK2, MAP kinase-activated protein kinase 1c, MAPK-activated protein kinase 1c, MAPKAP kinase 1c, MAPKAPK-1c, Ribosomal S6 kinase 3, RSK-3, pp90RSK3, RPS6KA2, MAPKAPK1C, RSK3

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RPS6KA2 Antibody (C-Term, near) is for research use only and not for use in diagnostic or therapeutic procedures.

**RPS6KA2 Antibody (C-Term, near) - Protein Information****Name** RPS6KA2**Synonyms** MAPKAPK1C, RSK3**Function**

Serine/threonine-protein kinase that acts downstream of ERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenic and stress-induced activation of transcription factors, regulates

translation, and mediates cellular proliferation, survival, and differentiation. May function as tumor suppressor in epithelial ovarian cancer cells.

**Cellular Location**

Nucleus. Cytoplasm

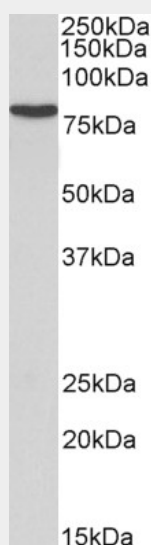
**Tissue Location**

Widely expressed with higher expression in lung, skeletal muscle, brain, uterus, ovary, thyroid and prostate

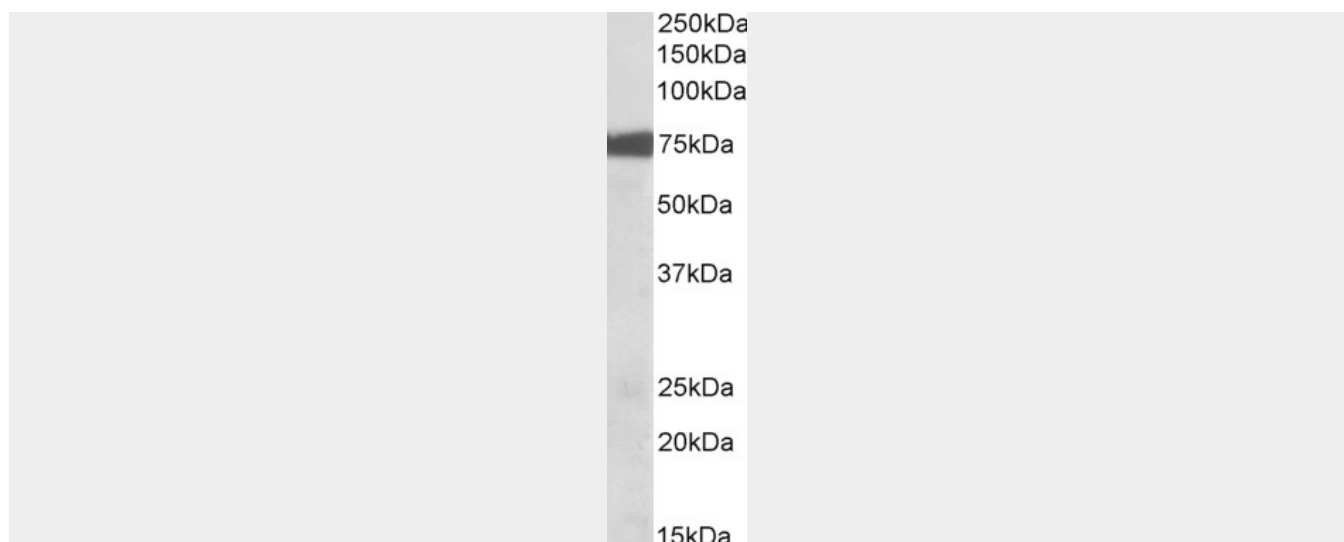
**RPS6KA2 Antibody (C-Term, near) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RPS6KA2 Antibody (C-Term, near) - Images**

AF2830a (1 µg/ml) staining of Rat Lung lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF2830a (0.01 µg/ml) staining of Mouse Lung lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### **RPS6KA2 Antibody (C-Term, near) - Background**

This antibody is expected to recognize both reported isoforms (NP\_066958.2; NP\_001006933.1)

#### **RPS6KA2 Antibody (C-Term, near) - References**

FGFR3 activates RSK2 to mediate hematopoietic transformation through tyrosine phosphorylation of RSK2 and activation of the MEK/ERK pathway Kang S, Dong S, Gu TL, Guo A, Cohen MS, Lonial S, Khoury HJ, Fabbro D, Gilliland DG, Bergsagel PL, Taunton J, Polakiewicz RD, Chen J Cancer Cell. 2007 Sep;12(3):201-14 PMID: 17785202