

## Anti-Ribosomal S6 kinase 2 Antibody

Our Anti-Ribosomal S6 kinase 2 rabbit polyclonal primary antibody from PhosphoSolutions is produced Catalog # AN1544

### Specification

# Anti-Ribosomal S6 kinase 2 Antibody - Product Information

Primary Accession	<u>O9WUT3</u>
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	83157

### Anti-Ribosomal S6 kinase 2 Antibody - Additional Information

#### Gene ID

20112

**Other Names** 

90 kDa ribosomal protein S6 kinase 2 antibody, HU 2 antibody, KS6A2\_HUMAN antibody, MAP kinase activated protein kinase 1c antibody, MAP kinase-activated protein kinase 1c antibody, MAPK-activated protein kinase 1c antibody, MAPKAP kinase 1c antibody, MAPKAPK1C antibody, Mitogen.activated protein kinase-activated protein kinase 1C antibody, p90 RSK3 antibody, p90-RSK 2 antibody, p90RSK2 antibody, pp90RSK3 antibody, Ribosomal protein S6 kinase alpha-2 antibody, ribosomal protein S6 kinase 90kDa polypeptide 2 antibody, Ribosomal S6 kinase 3 antibody, RPS6KA2 antibody, RSK3 antibody, RSK 3 antibody, RS

#### Target/Specificity

The p90 ribosomal S6 kinases (RSK)1-4 are downstream members of the extracellular signal-regulated kinase (ERK)/MAPK cascade. The loss of RSK2 activity in humans leads to Coffin-Lowry syndrome, which is characterized by mental retardation and growth deficits (Hanauer and Young, 2002). Recent work suggests that RSK2 exerts a tonic regulation on G-protein coupled signaling (Sheffler et al., 2006).

#### Format

Antigen Affinity Purified from Pooled Serum

#### 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

Anti-Ribosomal S6 kinase 2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping Blue Ice

## Anti-Ribosomal S6 kinase 2 Antibody - Protocols



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

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# Anti-Ribosomal S6 kinase 2 Antibody - Images



Western blot of HeLa cell lysate showing specific immunolabeling of the ~90 kDa RSK2 protein. Anti-Ribosomal S6 kinase 2 Antibody - Background

The p90 ribosomal S6 kinases (RSK)1-4 are downstream members of the extracellular signal-regulated kinase (ERK)/MAPK cascade. The loss of RSK2 activity in humans leads to Coffin-Lowry syndrome, which is characterized by mental retardation and growth deficits (Hanauer and Young, 2002). Recent work suggests that RSK2 exerts a tonic regulation on G-protein coupled signaling (Sheffler et al., 2006).