

Product datasheet for TA335494

RSK3 (RPS6KA2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-RPS6KA2 Antibody: synthetic peptide directed towards the middle

region of human RPS6KA2. Synthetic peptide located within the following region:

LSRQDVHLVKGAMAATYFALNRTPQAPRLEPVLSSNLAQRRGMKRLTSTR

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 81 kDa

Gene Name: ribosomal protein S6 kinase A2

Database Link: NP 066958

Entrez Gene 6196 Human

Q15349



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Background: RPS6KA2 is a serine/threonine kinase that may play a role in mediating the growth-factor and

stress induced activation of the transcription factor CREB. This gene encodes 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. Alternate transcriptional splice

variants, encoding different isoforms, have been characterized.

Synonyms: HU-2; MAPKAPK1C; p90-RSK3; p90RSK2; pp90RSK3; RSK; RSK3; S6K-alpha; S6K-alpha2

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

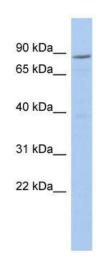
100%; Mouse: 100%; Guinea pig: 100%; Bovine: 93%; Rabbit: 86%; Zebrafish: 86%

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Long-term potentiation, MAPK signaling pathway, mTOR signaling pathway, Neurotrophin

signaling pathway, Oocyte meiosis, Progesterone-mediated oocyte maturation

Product images:



WB Suggested Anti-RPS6KA2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive

Control: HepG2 cell lysate