RSK2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RSK2, Polyclonal Antibody
Full Product Name	RSK2, NT (Ribosomal S6 Kinase 2, RSK-2, p90-RSK2, pp90RSK2, 90kD Ribosomal Protein S6 Kinase 3, p90-RSK 3, p90RSK3, Insulin-stimulated Protein Kinase 1, ISPK1, ISPK-1, MAP Kinase-activated Protein Kinase 1b, MAPK-activated Protein Kinase 1b, MAPKAP Kinase
Product Gene Name	anti-RSK2 antibody
Product Synonym Names	Ribosomal Protein S6 Kinase 90kDa Polypeptide 3; CLS; EC=2.7.11.1; HU-3; MRX19; RSK
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservatives added. Labeled with MaxLight490.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human RSK2 at ~84kD. Species crossreactivity: mouse. Does not react with overexpressed RSK1, RSK3 or RSK4. Reactivity has been confirmed with endogenously human placenta homogenates, HEK293 cell lysates, and fetal and adult mouse skeletal muscle homogenates, and exogenously with RSK-2-transfected HEK293 cells.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Synthetic peptide corresponding to the N-terminal region of the human and mouse RSK2 (ribosomal S6 kinase 2, ribosomal protein S6 kinase alpha 3, 90kD ribosomal protein S6 kinase 3, and MAP kinase-activated protein kinase 1b).
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-RSK2 antibody	Antibodies; Protein Kinases; Ribosomal
Applications Tested/Suitable for anti-RSK2 antibody	Western Blot (WB)
Application Notes for anti-RSK2 antibody	WB: 1-3ug/ml. Identifies a single band at ~84 kD Applications are based on unconjugated antibody.
Related Product Information for anti-RSK2 antibody	Mouse skeletal muscle homogenates, and exogenously with RSK-2-transfected HEK293 cells.
Product References and Citations for anti-RSK2 antibody	1. Frodin M and Gammeltoft S. Mol Cell Endocrinol 151:65-77, 1999. 2. Pearson G, et al. Endocr Rev 22:153-183, 2001. 3. Schaeffer HJ and Weber MJ. Mol Cell Biol 19:2435-2444, 1999. 4. Dufresne SD, et al. Mol Cell Biol 16:1212-1219, 2001. 5. Zeniou M, et al. Hum Mol Genet 11:2929-2940, 2002. 6. Vaidyanathan H and Ramos JW. J Biol Chem 278:32367-32372, 2003. 7. Chen RH, et al. Mol Cell Biol 12:915-927, 1992. 8. Frodin M, et al. Embo J 21:5396-5407, 2002. 9. Jacquot S, et al. Am J Med Genet 85:214-215, 1999. 10. Trivier E, et al. Nature 384:567-570, 1996. 11. Delaunoy J, et al. Hum Mutat 17:103-116, 2001. 12. Jacquot S, et al. Am J Med Genet 63:1631-1640, 1998.

Other Notes	Small volumes of anti-RSK2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RSK2 purchase	MBS6498270 is an antibody targeting RSK2. Also known as RSK2, NT (Ribosomal S6 Kinase 2, RSK-2, p90-RSK2, pp90RSK2, 90kD Ribosomal Protein S6 Kinase 3, p90-RSK 3, p90RSK3, Insulin-stimulated Protein Kinase 1, ISPK1, ISPK-1, MAP Kinase-activated Protein Kinase 1b, MAPK-activated Protein Kinase 1b, MAPKAP Kinase. Reactive in Human, Mouse. Host: Rabbit.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/rsk2/6498270