

Anti-RPS6KA1 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit) |
| Molecular Weight: | Theoretical: 81 kDa. Actual: 90 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | 1. Tissue/cell: A431 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (RPS6KA1) Polyclonal Antibody, Unconjugated (TMAB-12370) 1: 200, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (5 µg/ml, blue) was used to stain the cell nuclei. |
| | 2. Tissue/cell: HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (RPS6KA1) Polyclonal Antibody, Unconjugated (TMAB-12370) 1: 200, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (5 µg/ml, blue) was used to stain the cell nuclei. |
| Application: | ICC/IF |
| Recommended | ICC/IF: 1:100-500 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human RPS6KA1 |
| Antigen Species: | Human |
| Gene ID: | 6195 |

Research Background

Rsk1 is a member of a family of 90kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsk1 appears to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481