# P70 S6K Polyclonal Antibody

**catalog number:** **E-AB-60672**

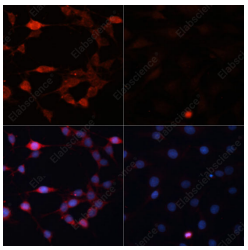
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

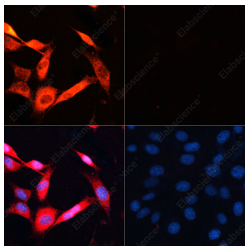
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|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant fusion protein of human P70 S6K (NP_003152.1). |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IF** | 1:50-1:200 |

## Data



Immunofluorescence analysis of C6 cells using P70 S6K Polyclonal Antibody at dilution of 1:100.C6 cells were treated by Serum-starvation overnight at 37°C. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using P70 S6K Polyclonal Antibody at dilution of 1:100.NIH/3T3 cells were treated by Serum-starvation overnight at 37°C. Blue: DAPI for nuclear staining.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

This gene encodes a member of the ribosomal S6 kinase family of serine/threonine kinases. The encoded protein responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of this gene has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N-termini which may differ in their subcellular localizations. There are two pseudogenes for this gene on chromosome 17.


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