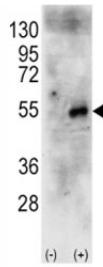


## p70S6Kb Antibody (F50953)

| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F50953-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F50953-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

|                    |   |
|--------------------|---|
| Availability       | 1-3 business days   |
| Species Reactivity | Human, Rat  |
| Format             | Purified  |
| Host               | Rabbit  |
| Clonality          | Polyclonal (rabbit origin)                                |
| Isotype            | Rabbit Ig   |
| Purity             | Purified  |
| UniProt            | Q9UBS0  |
| Applications       | Western Blot : 1:1000                                     |
| Limitations        | This p70S6Kb antibody is available for research use only. |



Western blot analysis of p70S6Kb antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the human RPS6KB2 gene (2). Predicted molecular weight: 60-70 kDa

### Description

RPS6KB2 is a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B. Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation. [Wiki]

### Application Notes

Titration of the p70S6Kb antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 243-272 from the human protein was used as the immunogen for this p70S6Kb antibody.

## Storage

Aliquot the p70S6Kb antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.