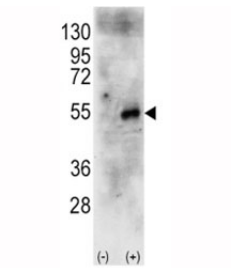
p70S6Kb Antibody (F50953)

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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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