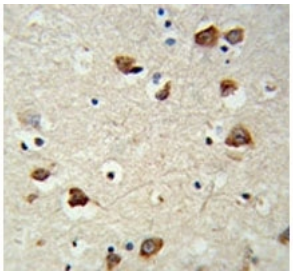
S6K2 Antibody (F50954)

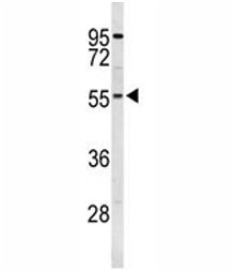
Catalog No.	Formulation	Size
F50954-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50954-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

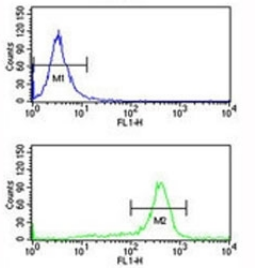
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9UBS0
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50
Limitations	This S6K2 antibody is available for research use only.



IHC analysis of FFPE mouse brain tissue stained with RPS6KB2 antibody.



Western blot analysis of S6K2 antibody and human K562 lysate. Predicted molecular weight: 60-70 kDa.



RPS6KB2 antibody flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

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

The stated application concentrations are suggested starting amounts. Titration of the S6K2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This S6K2 antibody was produced from rabbits immunized with human RPS6KB2 recombinant protein.

Storage

Store at 4oC for up to one month. For long term, aliquot the S6K2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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