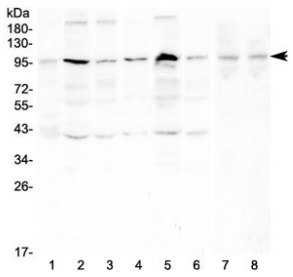
RSK3 Antibody / RPS6KA2 (RQ4607)

Catalog No.	Formulation	Size
RQ4607	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q15349
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (recombinant human protein)
Limitations	This RSK3 antibody is available for research use only.



Western blot testing of human 1) placenta, 2) HeLa, 3) PC-3, 4) A431, 5) K562, 6) PANC-1, 7) rat testis and 8) mouse testis with RSK3 antibody at 0.5ug/ml. Expected molecular weight ~90 kDa.

Description

Ribosomal protein S6 kinase alpha-2, also called RSK3, is an enzyme that in humans is encoded by the RPS6KA2 gene. It is mapped to 6q27. This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains two non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternative splice variants, encoding different isoforms, have been characterized.

Application Notes

Optimal dilution of the RSK3 antibody should be determined by the researcher.

Immunogen

Amino acids H658-L733 from the human protein were used as the immunogen for the RSK3 antibody.

Storage

After reconstitution, the RSK3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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