

Datasheet for ABIN358394

anti-RPS6KA3 antibody (pSer369)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	RPS6KA3
Binding Specificity:	pSer369
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA3 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S369 of human RPS6KA3.
Isotype:	Ig Fraction
Specificity:	This antibody detects RPS6KA3 pSer369. Predicted to cross react with Mouse and Zebrafish (100 % Antigen Homology).
Purification:	Affinity purification in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	RPS6KA3
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Target Details

Alternative Name:	RPS6KA3 / RSK2 (RPS6KA3 Products)
Background:	RSK3 is a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 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. Mutations in the gene have been associated with Coffin-Lowry syndrome (CLS).Synonyms: ISPK-1, ISPK1, MAPKAPK-1b, MAPKAPK1, RSK-2, Ribosomal S6 kinase 2, Ribosomal protein S6 kinase alpha-3, S6K-alpha-3, p90RSK3
Molecular Weight:	83736 Da
Gene ID:	6197, 9606
UniProt:	P51812
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	ELISA: 1/1,000. Dot Blot: 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

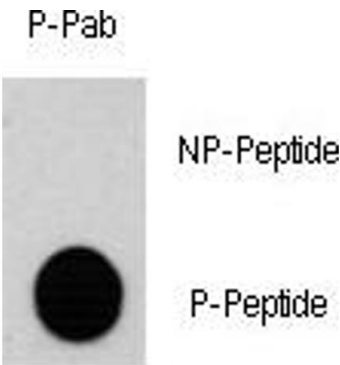


Image 1.

Dot Blot