

Datasheet for ABIN372713
anti-RPS6KA3 antibody (C-Term)



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1 Image

Overview

Quantity:	0.1 mL
Target:	RPS6KA3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Peptide corresponding to amino acid residues from the C-terminal region of rat RSK2, conjugated to keyhole limpet hemocyanin (KLH).
Isotype:	IgG
Specificity:	This antibody recognizes the ~90k RSK2 protein.
Cross-Reactivity (Details):	Species reactivity (expected):Bovine, Canine, Chicken, Mouse and Rat. Species reactivity (tested):Human.
Purification:	Affinity Chromatography.

Target Details

Target:	RPS6KA3
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Target Details

Alternative Name:	RPS6KA3 / RSK2 (RPS6KA3 Products)
Background:	The p90 Ribosomal S6 kinases (RSK1-4) are downstream members of the extracellular signal-regulated kinase (ERK)/MAPK cascade. The loss of RSK2 activity in humans leads to Coffin-Lowry syndrome, which is characterized by mental retardation and growth deficits (Hanauer and Young, 2002). Recent work suggests that RSK2 exerts a tonic regulation on G-protein coupled signaling (Sheffler et al., 2006).Synonyms: ISPK-1, ISPK1, MAPKAPK-1b, MAPKAPK1, RSK-2, Ribosomal S6 kinase 2, Ribosomal protein S6 kinase alpha-3, S6K-alpha-3, p90RSK3
Gene ID:	6197
NCBI Accession:	NP_004577
UniProt:	P51812
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western blot: 1/1,000. 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
Buffer:	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA and 50 % Glycerol.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C.

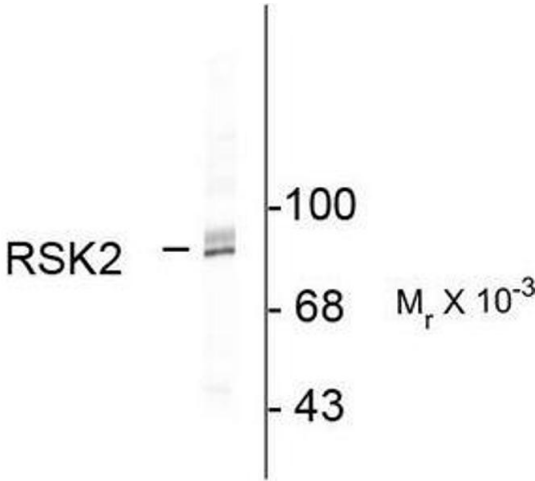


Image 1.