



Rabbit Anti-RPS6KA5 monoclonal antibody, clone TO74-16 (CABT-L732)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	MSK1(phospho S376)
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	TO74-16
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC, IHC, IP
Molecular Weight	90/80 kDa
Cellular Localization	Nucleus, Cytoplasm.
Positive Control	LO2, PC-3M, Hela, 293, mouse bladder tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The family of ribosomal S6 kinases (Rsk), designated Rsk-1, Rsk-2 and Rsk-3, have been implicated as important signaling intermediates in response to a broad range of ligand-activated receptor tyrosine kinases. A unique feature common to the three members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. A related S6 kinase, p70 S6 kinase, functions to phosphorylate the S6 protein on ribosomal 40S subunits. p70 S6 kinase b shares high sequence homology with p70 S6 kinase, except in the carboxy terminus where it contains a proline-rich domain that may be involved in SH3 domain containing protein interactions. MSK1 (also designated RLPK) is related to Rsk and p70 S6 kinase family members and is thought to be structurally similar to Rsk family members, but it may be regulated by distinct mechanisms.

Keywords

90 kDa ribosomal protein S6 kinase 5;EC 2.7.11.1;KS6A5_HUMAN;MGC1911;Mitogen and stress activated protein kinase 1;MSPK1;Nuclear Mitogen And Stress Activated Protein Kinase 1;Nuclear mitogen- and stress-activated protein kinase 1;Ribosomal protein S6 kinase 90kD polypeptide 5;Ribosomal protein S6 kinase 90kDa;Ribosomal protein S6 kinase 90kDa polypeptide 5;Ribosomal Protein S6 Kinase Alpha 5;Ribosomal protein S6 kinase alpha-5;RLPK;RPS6KA5;RSK Like Protein Kinase;RSK-like protein kinase;RSKL;S6K alpha 5;S6K-alpha-5 antibody
