

Datasheet for ABIN6136238

anti-RPS6KA1 antibody (pSer363)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	RPS6KA1
Binding Specificity:	pSer363
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	A phospho specific peptide corresponding to residues surrounding S363 of human p90Rsk/RSK1/RPS6KA1
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Phosphorylated Antibodies

Target Details

Target:	RPS6KA1
Alternative Name:	RPS6KA1 (RPS6KA1 Products)
Background:	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine

Target Details

kinases. This kinase contains 2 nonidentical 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.,HU-1,MAPKAPK1A,RSK,RSK1,p90Rsk,RPS6KA1,Epigenetics & Nuclear Signaling,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Kinase,Serine/threonine kinases,mTOR Signaling Pathway,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Mitochondrial Control of Apoptosis,Inhibition of Apoptosis,Cell Cycle,G2/M DNA Damage Checkpoint,Microtubules,Immunology & Inflammation,NF-kB Signaling Pathway,Neuroscience,Protein phosphorylation,RPS6KA1

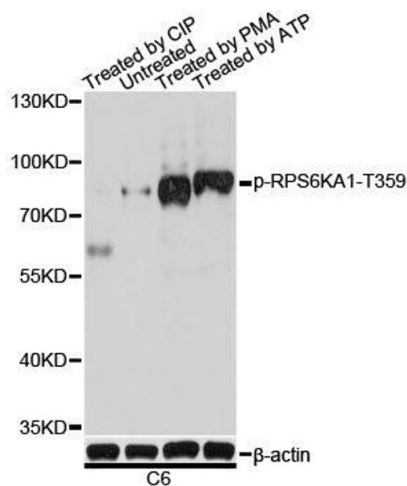
Molecular Weight:	72 kDa/81 kDa/82 kDa/83 kDa
Gene ID:	6195
UniProt:	Q15418
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of C6 cells, using Phospho-RPS6KA1-T359 antibody.