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Datasheet for ABIN1881765

anti-RPS6KA1 antibody (pThr359)

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Overview

Quantity:	400 µL
Target:	RPS6KA1
Binding Specificity:	pThr359
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Dot Blot (DB)

Product Details

Immunogen:	This RPS6KA1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T359 of human RPS6KA1.
Clone:	RB13385
Isotype:	Ig Fraction
Predicted Reactivity:	C, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RPS6KA1
Alternative Name:	RPS6KA1 (RPS6KA1 Products)
Background:	RPS6KA1 is a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases.

Target Details

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.

Molecular Weight: 82723

NCBI Accession: [NP_001006666](#), [NP_002944](#)

UniProt: [Q15418](#)

Pathways: [MAPK Signaling](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: WB: 1:2000. DB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

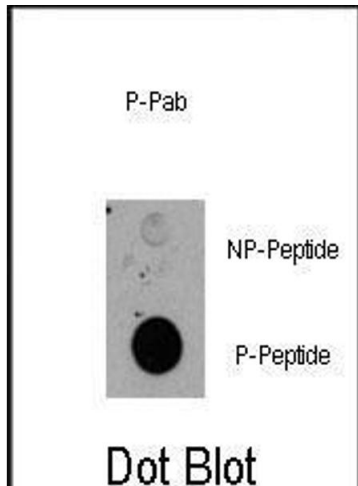
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

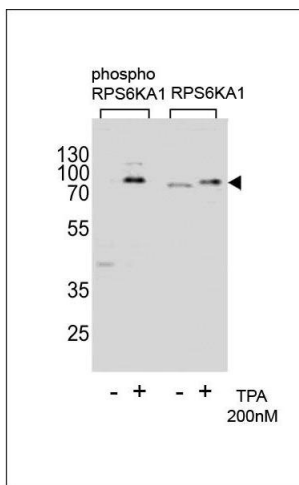
Publications

Product cited in: Mei, Li, Chu, Yiu, Lo: "The inhibitory effects of silver diamine fluoride at different concentrations on matrix metalloproteinases." in: **Dental materials : official publication of the Academy of Dental Materials**, Vol. 28, Issue 8, pp. 903-8, (2012) ([PubMed](#)).



Dot Blot

Image 1. Dot blot analysis of anti-RPS6KA1-p Pab (R) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.



Western Blotting

Image 2. Western blot analysis of extracts from HeLa cells, untreated or treated with T, 200nM, using phospho RPS6KA1- (left) or RPS6KA1 Antibody (right)