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Datasheet for ABIN7430135 anti-RPS6KB1 antibody (AA 91-352)

5 Images



Overview

Quantity:	100 µL
Target:	RPS6KB1
Binding Specificity:	AA 91-352
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),
	Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Ribosomal Protein S6 Kinase Beta 1 (RPS6Kb1)
Immunogen:	Recombinant Ribosomal Protein S6 Kinase Beta 1 (RPS6Kb1) corresdonding to Phe91~Phe352
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against RPS6Kb1. It has been selected for its ability to recognize RPS6Kb1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details

Target:	RPS6KB1
Alternative Name:	Ribosomal Protein S6 Kinase Beta 1 (RPS6KB1 Products)
Background:	PS6K, S6K, S6K1, STK14A, p70(S6K)-alpha, p70-S6K, p70-alpha, P70-S6 Kinase 1, 70 kDa ribosomal protein S6 kinase 1, Serine/threonine-protein kinase 14A
Pathways:	PI3K-Akt Signaling, RTK Signaling, AMPK Signaling, Regulation of Cell Size, Skeletal Muscle Fiber Development, Feeding Behaviour, G-protein mediated Events, Smooth Muscle Cell Migration, Interaction of EGFR with phospholipase C-gamma, Warburg Effect

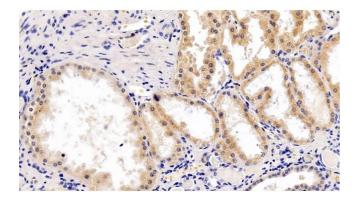
Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	1:280-1100 Immunohistochemistry: 5-20 µg/mL
	1:28-110 Immunocytochemistry: 5-20 µg/mL
	1:28-110 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at $37^\circ C$ for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

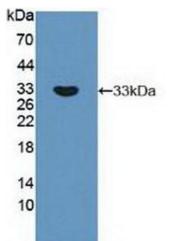
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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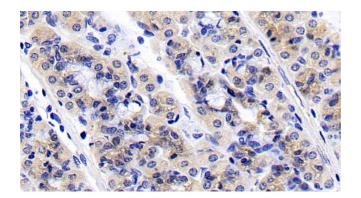
Immunohistochemistry

Image 1. Detection of RPS6Kb1 in Human Kidney Tissue using Polyclonal Antibody to Ribosomal Protein S6 Kinase Beta 1 (RPS6Kb1)



Western Blotting

Image 2. Detection of Recombinant RPS6Kb1, Human using Polyclonal Antibody to Ribosomal Protein S6 Kinase Beta 1 (RPS6Kb1)



Immunohistochemistry

Image 3. Detection of RPS6Kb1 in Porcine Stomach Tissue using Polyclonal Antibody to Ribosomal Protein S6 Kinase Beta 1 (RPS6Kb1)

Please check the product details page for more images. Overall 5 images are available for ABIN7430135.

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