Datasheet for ABIN745193

anti-RPS6KA3 antibody (pSer380)

1 Image

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Overview

Quantity:	100 µL
Target:	RPS6KA3
Binding Specificity:	pSer380
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human p90RSK around the phosphorylation site of Ser380
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RPS6KA3

Target Details

Alternative Name:	p90RSK (RPS6KA3 Products)
Background:	Synonyms: p90 RSK1, p90rsk, p90S6K, pp90RSK1, Ribosomal protein S6 kinase 90kD 1, Ribosomal protein S6 kinase 90kD polypeptide 1, Ribosomal protein S6 kinase 90 kDa polypeptide 1, Ribosomal protein S6 kinase alpha 1, Ribosomal protein S6 kinase polypeptide 1, Ribosomal S6 kinase 1, RPS6K1 alpha, rps6ka, Rps6ka1, RSK 1, RSK 1 p90, RSK, RSK1, S6K alpha 1, 90 kDa ribosomal protein S6 kinase 1, dJ590P13.1 ribosomal protein S6 kinase, 90kD, polypeptide 1, dJ590P13.1, EC 2.7.11.1, HU 1, HU1, MAP kinase activated protein kinase 1a, MAPKAP kinase 1A, MAPKAPK1A, MGC79981, Mitogen-activated protein kinase-activated protein kinase 1A, OTTHUMP00000004113. Background: Rsk1 is a member of a family of 90 kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsks appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB.
Gene ID:	6196
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

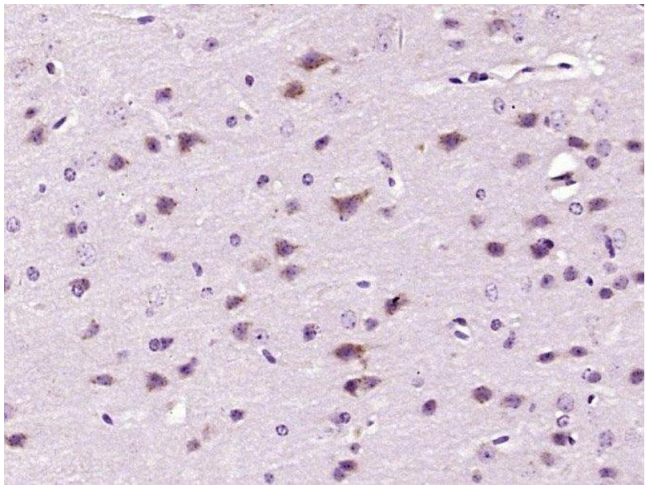
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded mouse brain, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with p90RSK (Ser380) Polyclonal Antibody at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.