

Datasheet for ABIN362068

anti-RPS6KA3 antibody (pThr348)



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Overview

Quantity:	100 µL
Target:	RPS6KA3
Binding Specificity:	pThr348
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of pThr348 (S-R-T (p) -P-R) derived from Human p90RSK. Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates.
Isotype:	IgG
Specificity:	The antibody detects endogenous level of p90RSK only when phosphorylated at threonine 348.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Target Details

Target:	RPS6KA3
Alternative Name:	p90RSK (RPS6KA3 Products)
Background:	Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.
Molecular Weight:	90 kDa
NCBI Accession:	NP_001006
UniProt:	Q15418
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western blotting: 1:500-1:1000 Immunohistochemistry: 1:50-1:100 Immunofluorescence: 1:100-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.