

Datasheet for ABIN197328

anti-RPS6KA1 antibody (Thr348)**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	RPS6KA1
Binding Specificity:	Thr348
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from mouse p90RSK around the phosphorylation site of threonine 348 (S-R-Tp-P-R).
Specificity:	This antibody detects endogenous levels of total p90RSK protein.
Purification:	Immunoaffinity Chromatography using epitope-specific immunogen.

Target Details

Target:	RPS6KA1
Alternative Name:	RPS6KA1 (RPS6KA1 Products)
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

Target Details

Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsk1 appears to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c-Fos and CREB. Synonyms: 90 kDa ribosomal protein S6 kinase 1, MAPKAPK1A, RSK-1, RSK1, Ribosomal S6 kinase 1, Ribosomal protein S6 kinase alpha-1, p90RSK1

Gene ID: 6195

NCBI Accession: [NP_001006666](#)

UniProt: [Q15418](#)

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

Application Details

Application Notes: Western blot: 1/500-1/1000. Immunofluorescence: 1/100-1/200.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS (without Mg²⁺ and Ca²⁺), 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.

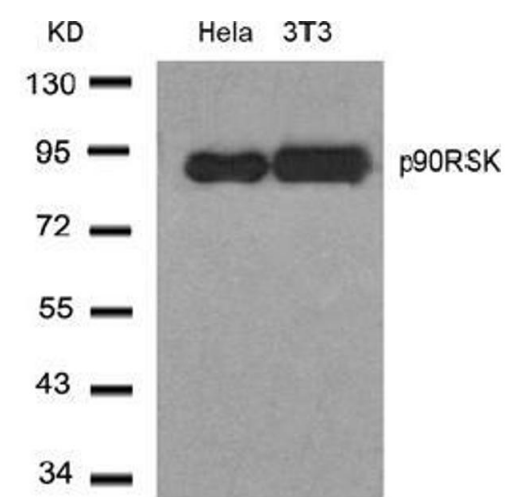


Image 1.

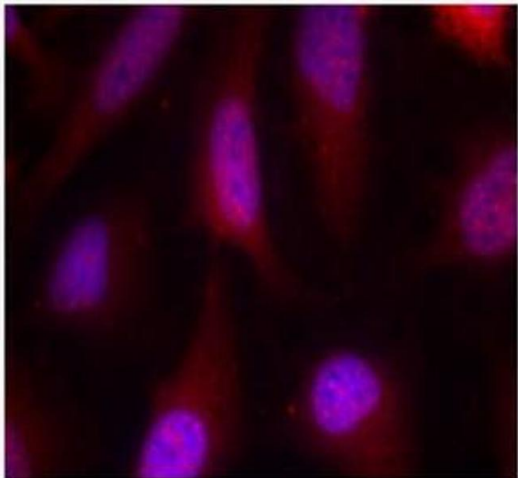


Image 2.