



P90 RSK (Ab-348)
Antibody

#21135

Catalog Number: 21135-1, 21135-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P18653

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human p90 RSK around the phosphorylation site of threonine 348 (S-R-T_P-P-R).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

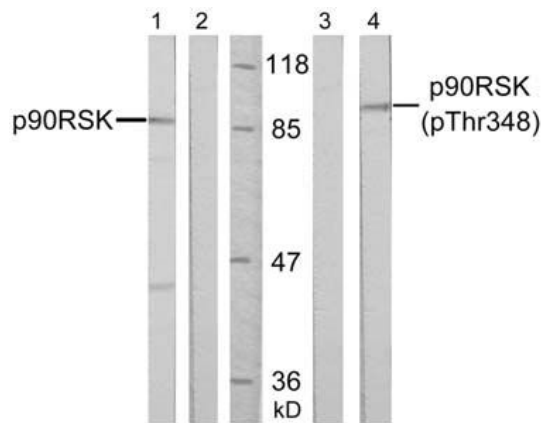
Specificity/Sensitivity: p90RSK (Ab-348) antibody detects endogenous levels of total p90RSK protein.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 90 kd

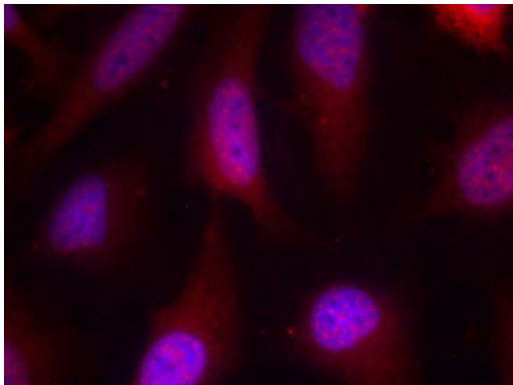
WB: 1:500~1:1000 IF: 1:100~1:200



PMA - - - +

Peptide - + - -

Western blot analysis of extract from HeLa cells, untreated or treated with PMA (200nM, 30min), using p90RSK (Ab-348) antibody (#21135, Lane 1 and 2) and p90RSK (phospho-Thr348) antibody (#11105, Lane 3 and 4)



Immunofluorescence staining of methanol-fixed HeLa cells

using p90RSK (Ab-348) antibody (#21135, Red).

Background :Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB

References:

- Silverman E, et al. Mol Cell Biol. 2004 Dec; 24(24): 10573-10583.
Andrew D, et al. Biochem J. 2006 February 1; 393(Pt 3): 715-724.
Itoh S, et al. J Biol Chem 2005 Jun 24; 280(25): 24135-24142