P90 RSK (Phospho-Thr348) Antibody

#11105

Catalog Number: 11105-1, 11105-2

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℃/1 year

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

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography usingepitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.

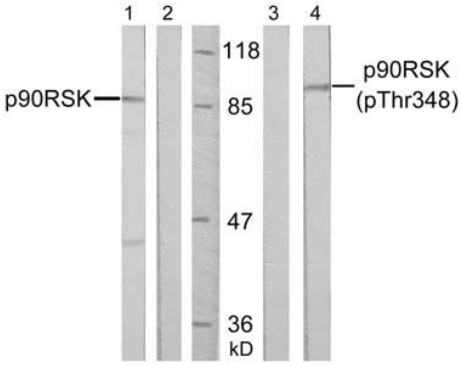
Specificity/Sensitivity:p90RSK (Phospho-Thr348) Antibody detects endogenous levels of p90RSK only when phosphorylated at threonine 348

Reactivity: Human,Mouse, Rat

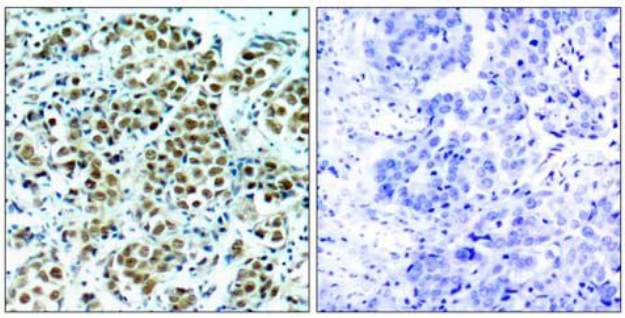
Applications:

Predicted MW: 90 kd

WB: 1:500~1:1000 IHC: 1:50-1:100 IF:1:100~1:200



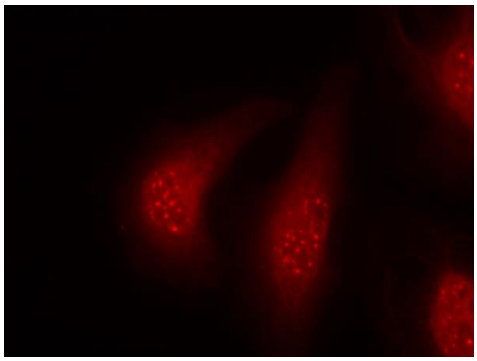
Western blot analysis of extract from HeLa cells, untreated or treated with PMA (200nM, 30min), using p90RSK (Ab-348) antibody (#21135, Lane 1 and 2) and p90RSK (phospho-Thr348) antibody (#11105, Lane 3 and 4)



P-Peptide − +

Immunohistochemical analysis of paraffin-embedded

human breast carcinoma tissue, using p90RSK(phospho-Thr348) antibody (#11105).



Immunofluorescence staining of methanol-fixed HeLa cells

using p90RSK (phospho-Thr348)antibody (#11105, 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