

Anti- p90 RSK (Phospho-Thr573) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100073-01	50 µl
A100073-02	100 µl

Specificity	Anti- p90 RSK (Phospho-Thr573) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q15418

Other Names: 90 kDa ribosomal protein S6 kinase 1, EC 2.7.11.1, KS6A1, MAPKAP-K1a, RPS6KA1, RSK-1, RSK1, Ribosomal S6 kinase 1, Ribosomal protein S6 kinase alpha 1, S6K-alpha 1, kinase p90RSK1, p90-RSK 1, pp90RSK1

Specificity and Sensitivity

p90 RSK (Phospho-Thr573) antibody detects endogenous levels of P90RSK only when phosphorylated at threonine 573.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human P90RSK around the phosphorylation site of threonine 573 (L-M-T^P-P-C). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:5000

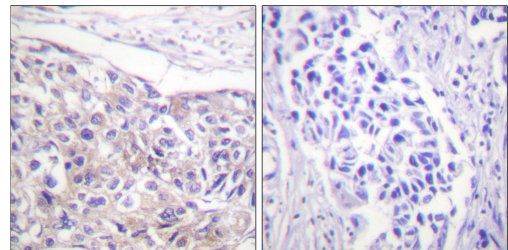
Storage Buffer

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

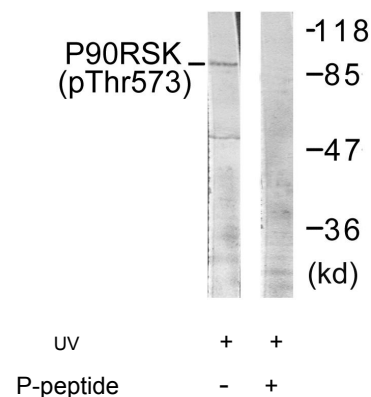
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using p90 RSK (Phospho-Thr573) antibody.



Western blot analysis of extracts from 293 cells, treated with UV (30mins), using p90 RSK (Phospho-Thr573) antibody.