

## Rabbit p90 RSK Polyclonal Antibody | anti-RPS6KA1 antibody

p90 RSK (Phospho-Thr359+Ser363) Antibody

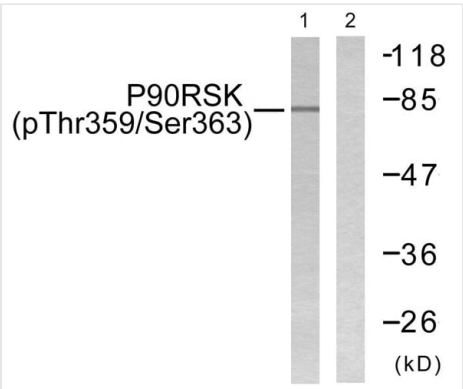
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA316205 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

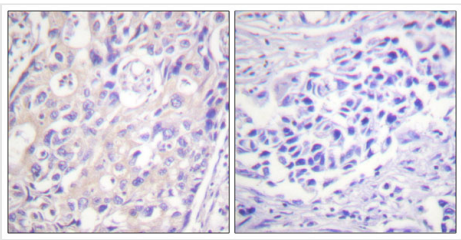
p90 RSK; Polyclonal Antibody; p90 RSK (Phospho-Thr359+Ser363) Antibody; 90 kDa ribosomal protein S6 kinase 1; kinase p90RSK1; KS6A1; KS6AA; MAPKAP-K1a; p90-RSK 1; pp90RSK1; Ribosomal protein S6 kinase alpha 1; Ribosomal S6 kinase 1; RPS6KA1; RSK-1; RSK1; S6K-alpha 1; anti-RPS6KA1 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                           |
| Reactivity                                        | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                         | Polyclonal                                                                                                                                                                                       |
| Specificity                                       | p90 RSK (Phospho-Thr359+Ser363) Antibody detects endogenous levels of p90 RSK only when phosphorylated at Thr359 and Ser363.                                                                     |
| Purity/Purification                               | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                       | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                     | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                   | 719                                                                                                                                                                                              |
| Applicable Applications for anti-RPS6KA1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                               | Phospho                                                                                                                                                                                          |
| Modification Sites                                | H:T359/S363; M:S352/T348; R:S363/T359                                                                                                                                                            |
| Immunogen                                         | The antiserum was produced against synthesized peptide derived from human p90 RSK around the phosphorylation site of Thr359 and Ser363.                                                          |
| Immunogen Range                                   | 331-380                                                                                                                                                                                          |
| Preparation and Storage                           | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



**WB (Western Blot)**  
Western blot analysis of lysates from 293 cells treated with PMA 125ng/ml 30', using p90 RSK (Phospho-Thr359+Ser363) Antibody. The lane on the right is blocked with the phospho peptide.



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p90 RSK (Phospho-Thr359+Ser363) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 55743134                                                                                                                        |
| NCBI GeneID                      | 6195                                                                                                                            |
| NCBI Accession #                 | NP_001006666.1                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001006665.1                                                                                                                  |
| UniProt Accession #              | Q15418; Q5SVM5; Q5SVM8; Q5SVM9; Q96C05; Q9BQK2; A6NGG4; A8K9K7; B2RDY8; B7Z5J0; E9PRI4                                          |
| Molecular Weight                 | 82 kDa                                                                                                                          |
| NCBI Official Full Name          | ribosomal protein S6 kinase alpha-1 isoform b                                                                                   |
| NCBI Official Synonym Full Names | ribosomal protein S6 kinase A1                                                                                                  |
| NCBI Official Symbol             | RPS6KA1                                                                                                                         |
| NCBI Official Synonym Symbols    | RSK; HU-1; RSK1; p90Rsk; MAPKAPK1A                                                                                              |
| NCBI Protein Information         | ribosomal protein S6 kinase alpha-1                                                                                             |
| UniProt Protein Name             | Ribosomal protein S6 kinase alpha-1                                                                                             |
| UniProt Gene Name                | RPS6KA1                                                                                                                         |
| UniProt Synonym Gene Names       | MAPKAPK1A; RSK1; S6K-alpha-1; p90-RSK 1; p90RSK1; p90S6K; MAPK-activated protein kinase 1a; MAPKAP kinase 1a; MAPKAPK-1a; RSK-1 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.