

## Rabbit p38 MAPK Polyclonal Antibody | anti-p38 MAPK antibody

p38 MAPK (Phospho-Tyr182) Antibody

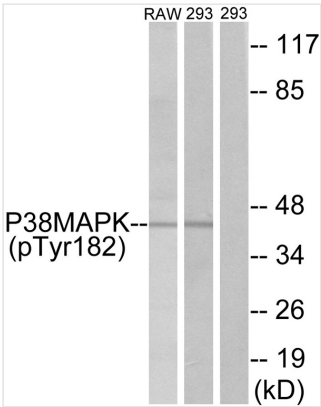
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA316554 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

p38 MAPK; Polyclonal Antibody; p38 MAPK (Phospho-Tyr182) Antibody; anti-p38 MAPK antibody

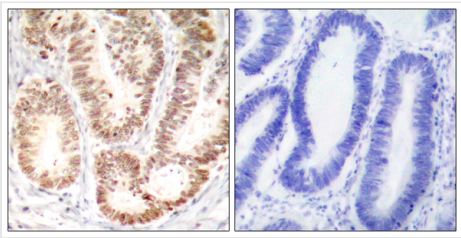
### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                                                  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                                           |
| Reactivity                                         | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                          | Polyclonal                                                                                                                                                                                       |
| Specificity                                        | p38 MAPK (Phospho-Tyr182) Antibody detects endogenous levels of p38 MAPK only when phosphorylated at Tyr182.                                                                                     |
| 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                                    | 256                                                                                                                                                                                              |
| Applicable Applications for anti-p38 MAPK antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                                | Phospho                                                                                                                                                                                          |
| Modification Sites                                 | H:Y182; M:Y182; R:Y182                                                                                                                                                                           |
| Immunogen                                          | The antiserum was produced against synthesized peptide derived from human p38 MAPK around the phosphorylation site of Tyr182.                                                                    |
| Immunogen Range                                    | 147-196                                                                                                                                                                                          |
| Preparation and Storage                            | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



WB (Western Blot)

Western blot analysis of lysates from RAW264.7 cells and 293 cells, using p38 MAPK (Phospho-Tyr182) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using p38 MAPK (Phospho-Tyr182) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503069                                                                                                                    |
| NCBI GeneID                      | 1432                                                                                                                       |
| NCBI Accession #                 | NP_001306.1                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001315.2                                                                                                                |
| UniProt Accession #              | Q16539; O60776; Q13083; Q14084; Q8TDX0; A6ZJ92; A8K6P4; B0LPH0; B5TY32                                                     |
| Molecular Weight                 | 41 kDa                                                                                                                     |
| NCBI Official Full Name          | mitogen-activated protein kinase 14 isoform 1                                                                              |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase 14                                                                                        |
| NCBI Official Symbol             | MAPK14                                                                                                                     |
| NCBI Official Synonym Symbols    | RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA                                           |
| NCBI Protein Information         | mitogen-activated protein kinase 14                                                                                        |
| UniProt Protein Name             | Mitogen-activated protein kinase 14                                                                                        |
| UniProt Gene Name                | MAPK14                                                                                                                     |
| UniProt Synonym Gene Names       | CSBP; CSBP1; CSBP2; CSPB1; MXI2; SAPK2A; MAP kinase 14; MAPK 14; CSAID-binding protein; CSBP; MAP kinase p38 alpha; SAPK2a |

**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.