

Anti-p38 (Phospho-T180/Y182) Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|---|---------------|--------------|
| CPA5055 | Rabbit | H, M, R, D, Z | WB, IH |
| Description | Rabbit polyclonal antibody to p38 (Phospho-T180/Y182) | | |
| Immunogen | KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T180/Y182 of human p38 protein. The exact sequence is proprietary. | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of p38 protein only when phosphorylated at T180/Y182. | | |
| Clonality | Polyclonal | | |
| Conjugation | | | |
| Form | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | |
| Dilution | WB (1/500 - 1/1000), IH (1/50 - 1/100) | | |
| Gene Symbol | MAPK14 | | |
| Alternative Names | CSBP; CSBP1; CSBP2; CSPB1; MXI2; SAPK2A; Mitogen-activated protein kinase 14; MAP kinase 14; MAPK 14; Cytokine suppressive anti-inflammatory drug-binding protein; CSAID-binding protein; CSBP; MAP kinase MXI2; MAX-interacting protein 2; Mitogen-activated p | | |
| Entrez Gene | 1432 (Human); 26416 (Mouse) | | |
| SwissProt | Q16539 (Human); P47811 (Mouse); P70618 (Rat) | | |
| Storage/Stability | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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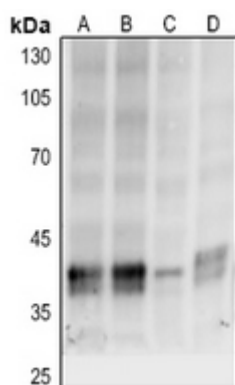
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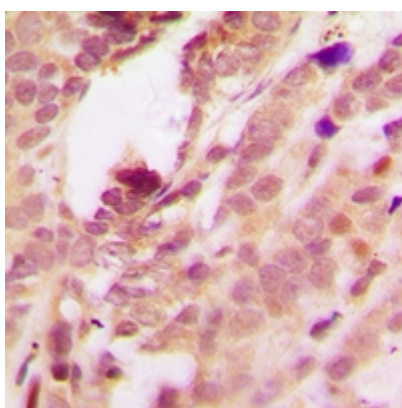
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Product Data Sheet



Western blot analysis of p38 (Phospho-T180/Y182) expression in HEK293T (A), HEK293T-UV (B), Hela (C), SGC7901 (D) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 43 kD)



Immunohistochemical analysis of p38 (Phospho-T180/Y182) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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