

Product Data Sheet

Anti-p38 Antibody

Catalog # Source Reactivity Applications

CPA7126 Rabbit H, M, R, D, Z WB, IH

Description Rabbit polyclonal antibody to p38

Immunogen KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human p38. The exact sequence is proprietary.

Purification The antibody was purified by immunogen affinity chromatography.

Specificity Recognizes endogenous levels of p38 protein.

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 (1/100 - 1/200)

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 protein kinase p38 alpha; MAP kinase p38 alpha; Stress-activated

protein kinase 2a; SAPK2a

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.

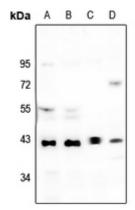
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, 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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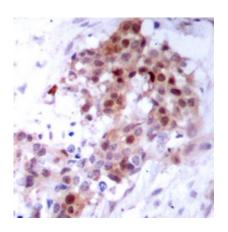
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Western blot analysis of p38 expression in DLD (A), U87MG (B), rat heart (C), rat muscle (D) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 43 kD)



Immunohistochemical analysis of p38 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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