

Product Data Sheet

Anti-CREB Antibody

Catalog # Source Reactivity Applications

CPA9143 Mouse H, M WB, IH

Description Mouse monoclonal antibody to CREB

Immunogen Recombinant protein corresponding to human CREB.

Purification

Specificity Recognizes endogenous levels of CREB protein.

Clonality Monoclonal

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 CREB1

Alternative Names Cyclic AMP-responsive element-binding protein 1; CREB-1; cAMP-responsive

element-binding protein 1

Entrez Gene 1385 (Human)

SwissProt P16220 (Human)

Storage/Stability Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid

freeze/thaw cycles.

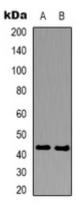
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, 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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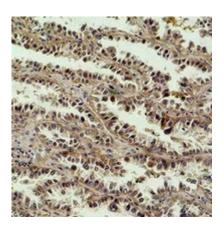
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Western blot analysis of CREB expression in A431 (A), NIH3T3 (B) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 43 kD)



Immunohistochemical analysis of CREB staining in human lung 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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