

Product Data Sheet

Anti-GSK3 beta Antibody

Catalog # Source Reactivity Applications

CPA9303 Rabbit M, R WB, IH

Description Rabbit polyclonal antibody to GSK3 beta

Immunogen Recombinant protein corresponding to mouse GSK3 beta.

Purification The antibody was purified by immunogen affinity chromatography.

Specificity Recognizes endogenous levels of GSK3 beta 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 (1/1000 - 1/2000), IH (1/200 - 1/500)

Gene Symbol GSK3B

Alternative Names Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase

GSK3B

Entrez Gene 56637 (Mouse); 84027 (Rat)

SwissProt Q9WV60 (Mouse); P18266 (Rat)

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

freeze/thaw cycles.

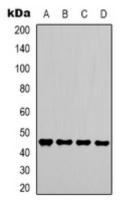
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, 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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Western blot analysis of GSK3 beta expression in mouse brain (A), mouse heart (B), rat brain (C), rat heart (D) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 46 kD)



Immunohistochemical analysis of GSK3 beta staining in mouse lung 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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