

GSK3 beta (2E6) monoclonal antibody

Catalog: MB3014

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen thase .GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. In skeletal muscle, it contributes to insulin regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 47 kDa; Observed MW: 47 kDa

Swiss-Prot:

P49841

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100

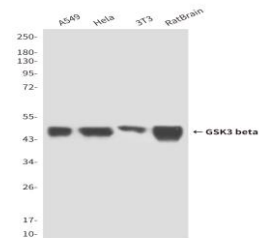
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG2a

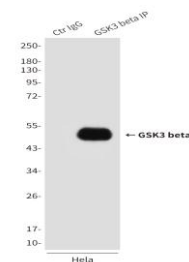
DATA:



Western blot analysis of GSK3 beta in A549, HeLa, 3T3 and rat Brain lysates using GSK3 beta antibody.

Immunocytochemistry analysis of GSK3 beta in HeLa using GSK3 beta antibody.

Immunoprecipitation analysis of GSK3 beta in HeLa lysates using GSK3 beta antibody. western blot analysis of GSK3 beta using GSK3 beta antibody.



Note:

For research use only, not for use in diagnostic procedure.

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