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Anti-Glycogen synthase kinase 3 B (GSK3B) (Ser9) Antibody

Our Anti-Glycogen synthase kinase 3 B (GSK3B) (Ser9) rabbit polyclonal phosphospecific primary antib
Catalog # AN1423

Product Information

Application	WB
Primary Accession	P18266
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	46742

Additional Information

Gene ID	84027
Other Names	Glycogen Synthase Kinase 3 Beta antibody, Glycogen synthase kinase-3 beta antibody, GSK 3 beta antibody, GSK-3 beta antibody, GSK3B antibody, GSK3B_HUMAN antibody, GSK3beta isoform antibody, Serine/threonine-protein kinase GSK3B antibody
Target/Specificity	Glycogen synthase kinase 3 (GSK3) is a serine/threonine kinase that is involved in the regulation of many signaling pathways. To date, 2 isoforms have been identified: GSK3α and GSK3β. Specifically, GSK3β has been shown to play a key inhibitory role in both the insulin and Wnt signaling pathways (Papkoff and Aikawa 1998). It has been suggested that Ser-9 phosphorylation underlies the inhibition of GSK3β by insulin (Sutherland et al., 1993).
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Glycogen synthase kinase 3 B (GSK3B) (Ser9) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

Glycogen synthase kinase 3 (GSK3) is a serine/threonine kinase that is involved in the regulation of many signaling pathways. To date, 2 isoforms have been identified: GSK3α and GSK3β. Specifically, GSK3β has been shown to play a key inhibitory role in both the insulin and Wnt signaling pathways (Papkoff and Aikawa

1998). It has been suggested that Ser-9 phosphorylation underlies the inhibition of GSK3β by insulin (Sutherland et al., 1993).