

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

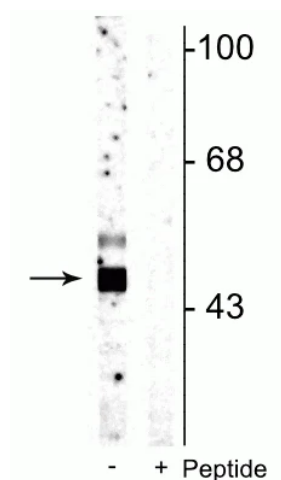


Product Details

Available Variants	100 µL (SKU:p1175-9) 25 µL (SKU:p1175-9t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GSK3B
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000
Species Reactivity	Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser9 of rat GSK3β, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for the ~46 kDa GSK3β protein phosphorylated at Ser9. Also weakly labels the ~51 kDa GSK3β band due to the high degree of homology between the 2 subunits. Immunolabeling is blocked by the phosphopeptide used as antigen but not by the corresponding dephosphopeptide.
Molecular Weight	46 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492134
UniProt ID	<u>P18266</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Bovine, Canine, Chicken, Human, Non-Human Primate, Xenopus, Zebrafish
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser9
NCBI Gene ID	84027

Product Images



Western blot of rat cortical lysate showing specific immunolabeling of the ~46 kDa GSK3 β protein phosphorylated at Ser9 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as the antigen, but not by the corresponding non-phosphopeptide (not shown).

Product Page URL: www.antibodiesinc.com/products/anti-glycogen-synthase-kinase-3-b-gsk3b-ser9-antibody-p1175-9



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