

Anti-GSK-3 α / β (Tyr-279/Tyr-216), Phosphospecific Antibody

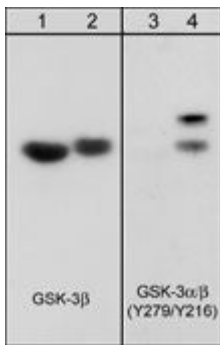


Product Details

Available Variants	100 μ L (SKU:GM1321)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M132
Gene Name	GSK3A/B
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M132 was generated from a phospho-GSK-3 β (Tyr-216) synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 216 of human GSK-3 β . This peptide sequence is also found in GSK-3 α (Tyr-279) and is highly conserved in GSK-3 genes in rat and mouse.
Specificity	The antibody detects 46/50 kDa* proteins corresponding to the apparent molecular mass of GSK-3 β and GSK-3 α on SDS-PAGE immunoblots of pervanadate treated rabbit fibroblasts, as well as treated human SKN-SH and A431 cells.
Molecular Weight	46/50
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.
UniProt ID	<u>P49840</u>
Country of Origin	United States
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.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Tyr-216

Product Images



Western blot analysis of rabbit spleen fibroblasts serum starved for 2 hrs (lanes 1 & 3) or treated with pervanadate (1 mM) for 30 minutes (lanes 2 & 4). The blot was probed with anti-GSK-3β (lanes 1 & 2) or anti-GSK-3α/β (Y279/Y216) (lanes 3 & 4).

Product Page URL: www.antibodiesinc.com/products/anti-gsk-3a-b-tyr-279-tyr-216-phosphospecific-antibody-gm1321

