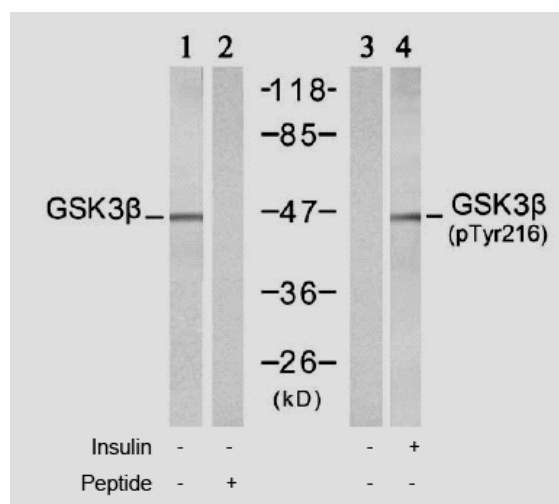


Rabbit anti GSK 3 β (pTyr216)

- Catalog Number:** pAP11301
Amount: 100 μ l (for 10 Western Blotting)
Swiss-Prot No. : P49841
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage/Stability: Store at -20°C/1 year
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human GSK3 β around the phosphorylation site of tyrosine 216 (V-S-Y^P-I-C).
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Specificity/Sensitivity: GSK3 β (Phospho-Tyr216) antibody detects endogenous levels of GSK3 β only when phosphorylated at tyrosine 216.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:1000
References: Chin PC, et al. Brain Res Mol Brain Res 2005 Jun 13; 137(1-2): 193-201
Takahashi-Yanaga F, et al. Biochem Biophys Res Commun 2004 Apr 02; 316(2): 411-415
Fan G, et al. J Biol Chem 2003 Dec 26; 278(52): 52432-52436
Liao X, et al. Mol Cancer Ther 2003 Nov; 2(11): 1215-1222



Western blot analysis of extract from 293 cells, untreated or treated with insulin (40 μ M, 30min), using GSK3 β (Ab-216) Antibody (AP21301, Lane 1 and 2) and GSK3 β (Phospho-Tyr216) Antibody (pAP11301, Lane 3 and 4).

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