

# Phospho-GSK3 alpha/beta (Tyr279, Tyr216) Polyclonal Antibody

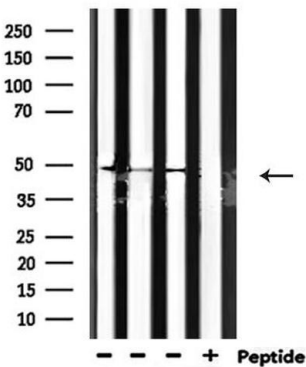
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human GSK3A(Accession P49840), corresponding to amino acid residues around phosphorylated Tyr279.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816390

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

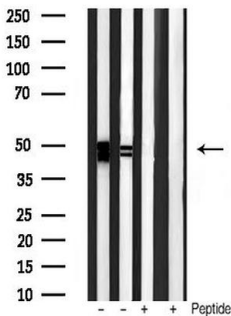
## Product Specific Information

Antibody detects endogenous levels of GSK3 alpha/ beta only when phosphorylated at Tyrosine 279/216.

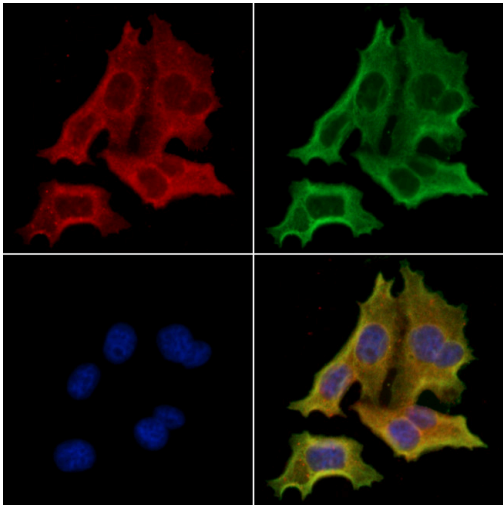
Product Images For Phospho-GSK3 alpha/beta (Tyr279, Tyr216) Polyclonal Antibody



**Phospho-GSK3 alpha/beta (Tyr279, Tyr216) Antibody (PA5-104917) in WB**  
Western blot analysis of Phospho-GSK3 alpha/beta (Tyr279, Tyr216) in rat brain, rat spleen, mouse spleen (absence (-) or presence (+) of blocking peptide). Samples were incubated with Phospho-GSK3 alpha/beta (Tyr279, Tyr216) polyclonal antibody (Product # PA5-104917).



**Phospho-GSK3 alpha/beta (Tyr279, Tyr216) Antibody (PA5-104917) in WB**  
Western blot analysis of Phospho-GSK3 alpha/beta (Tyr279, Tyr216) in mouse brain/rat brain (absence (-) or presence (+) of blocking peptide). Samples were incubated with Phospho-GSK3 alpha/beta (Tyr279, Tyr216) polyclonal antibody (Product # PA5-104917).



**Phospho-GSK3 alpha/beta (Tyr279, Tyr216) Antibody (PA5-104917) in ICC/IF**  
Immunocytochemistry analysis of Phospho-GSK3 alpha/beta (Tyr279, Tyr216) in H2O2 treated Hela cells. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were incubated with Phospho-GSK3 alpha/beta (Tyr279, Tyr216) polyclonal antibody (Product # PA5-104917) and mouse anti-beta tubulin antibody for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) (Green) were used as the secondary antibodies. The nuclear counter stain is DAPI (blue).

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