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**Product Name: Phospho-GSK3 (alpha/beta) (Tyr279/Tyr216) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe87361**

For research use only.

## Summary

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:51,47 kDa; Observed MW:47-51 kDa

## Antigen Information

<b>Gene Name</b>	Phospho-GSK3 (alpha/beta)
<b>Alternative Names</b>	Serine/threonine-protein kinase GSK3A
<b>Gene ID</b>	2931, 2932
<b>SwissProt ID</b>	P49840, P49841
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding Tyr279 of human GSK3 alpha

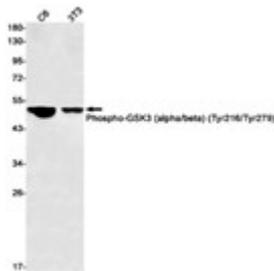
## Background

This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins

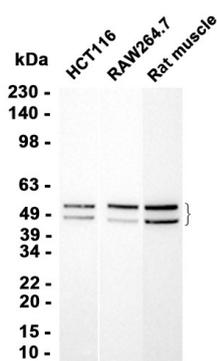
including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease. [provided by RefSeq, Oct 2011]

## Research Area

## Image Data



Western blot analysis of extracts from C6, 3T3 cell lysates using Phospho-GSK3 (alpha/beta) (Tyr279/Tyr216) Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from HCT116, RAW264.7 cells and Rat muscle tissue using AMRe87361 at 1:1000.