

# GSK3 $\alpha$ / $\beta$ (Phospho-Tyr216/Tyr279) Conjugated Antibody

Catalog No: #C14236

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Package Size: #C14236-AF350 100ul #C14236-AF405 100ul #C14236-AF488 100ul

#C14236-AF555 100ul #C14236-AF594 100ul #C14236-AF647 100ul

#C14236-AF680 100ul #C14236-AF750 100ul #C14236-Biotin 100ul

## Description

Product Name	GSK3 $\alpha$ / $\beta$ (Phospho-Tyr216/Tyr279) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-GSK3 (alpha + beta)(Y216 + Y279) Antibody detects endogenous levels of total Phospho-GSK3 (alpha + beta)(Y216 + Y279)
Immunogen Description	A synthesized peptide derived from human Phospho-GSK3 (alpha + beta)(Y216 + Y279)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Glycogen synthase kinase-3 alpha; GSK-3 alpha; GSK3A
Accession No.	Uniprot:P49840
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	51kDa/46kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

GSK3A a proline-directed protein kinase of the GSK family. Implicated in the control of several regulatory proteins including glycogen synthase, Myb, and c-Jun. GSK3 and GSK3 have similar functions. GSK3 phosphorylates tau, the principal component of neurofibrillary tangles in Alzheimer disease and is required for maximal production of amyloid plaque peptides by secretase.

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Note: This product is for in vitro research use only