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[Primary Antibody]

Recombinant Rabbit Anti-GSK-3 alpha&beta (p-Y279/Y216) Monoclonal Antibody

Catalog Number: SLA2217M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
GeneID:	2931
SWISS:	P49840
Target:	GSK-3 alpha&beta (p-Y279/Y216)
Immunogen:	A synthesized peptide derived from human GSK3 alpha around the phosphorylation site of Y279
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) IHC-P (1:100-200) IHC-F (1:100-200) IF (1:50-200) ICC/IF (1:50-200) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	51,47 kDa
Background:	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 phophorylates tau, the principal component of neurofibrillary tangles in Alzheimer disease and is required for maximal production of amyloid plaque peptides by secretase.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.