

Recombinant

DGRmAb[®]

Phospho-GSK3 (alpha/beta) (Tyr279/Tyr216) (DGR14097) Rabbit mAb

db13049 Package : 10μL 20μL 50μL 100μL

Product Name: Phospho-GSK3 (alpha/beta) (Tyr279/Tyr216) (DGR14097) Rabbit mAb

Cat.No.: db13049

Synonyms: Serine/threonine-protein kinase GSK3A

Application : WB, IHC-P, IP **Reactivity :** Human, Mouse, Rat

Host species: Rabbit

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]

Immunogen A synthetic phosphopeptide corresponding to residues surrounding Tyr279 of human GSK3 alpha

Gene ID 2931, 2932

Swiss Prot P49840, P49841

Synonyms Serine/threonine-protein kinase GSK3A

Reactivity Human, Mouse, Rat

Application WB, IHC-P, IP

Recommended dilution WB: 1:1000

IHC-P: 1:50

IP: 1:20-1:50

Calculated MW 51,47 kDa

Observed MW 47-51 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR14097

Isotype IgG

Purity Affinity Purification



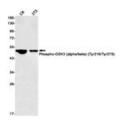
For Research Use Only **Product Datasheet**

Conjugation

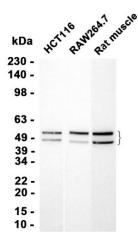
Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from C6, 3T3 cell lysates using db13049 at 1:1000.



Western blot analysis of extracts from HCT116, RAW264.7 cells and Rat muscle tissue using db13049 at 1:1000.