

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

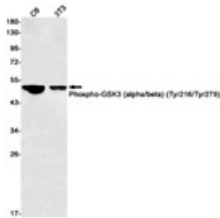
Isotype

IgG

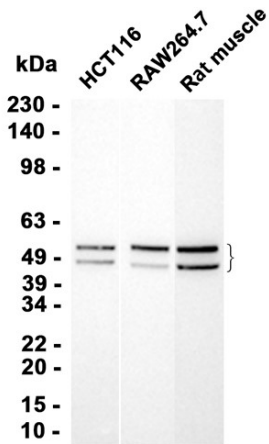
Purity

Affinity Purification

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.