

Recombinant

DGRmAb®

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

db13049-PBS

Package : 100µg

**Product Name** : Phospho-GSK3 (alpha/beta) (Tyr279/Tyr216) (DGR14097) Rabbit mAb (PBS Only)**Cat.No.:** db13049-PBS**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

**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

**Concentration**

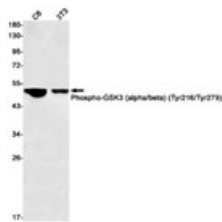
1 mg/mL

**Formulation**

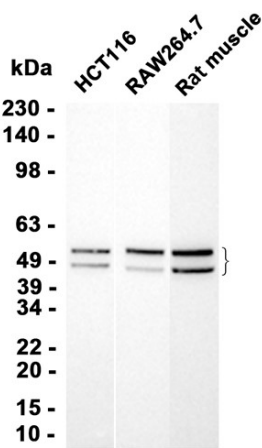
PBS Only

Storage Stability

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.