

GSK-3 Antibody Sampler Kit

Cat# AK0164

Upon receipt, store at -20°C. Avoid freeze/thaw cycles.

PRODUCT DESCRIPTION

Glycogen synthase kinase-3 (GSK-3) was initially identified as an enzyme that regulates glycogen synthesis in response to insulin. GSK-3 is a ubiquitously expressed serine/threonine protein kinase that phosphorylates and inactivates glycogen synthase. GSK-3 is a critical downstream element of the PI3K/Akt cell survival pathway whose activity can be inhibited by Akt-mediated phosphorylation at Ser21 of GSK-3 α and Ser9 of GSK-3 β . GSK-3 has been implicated in the regulation of cell fate in Dictyostelium and is a component of the Wnt signaling pathway required for Drosophila, Xenopus, and mammalian development. GSK-3 has been shown to regulate cyclin D1 proteolysis and subcellular localization.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340534	GSK3 alpha Polyclonal Antibody	20 μ L	WB, IHC, IP, ELISA	Human, Mouse, Rat	Rabbit
A340229	Phospho-GSK3 alpha (Ser21) Polyclonal Antibody	20 μ L	WB, IHC, IP, ELISA	Human, Mouse, Rat	Rabbit
A340535	GSK3 alpha/beta Polyclonal Antibody	20 μ L	WB, IHC, ELISA	Human, Mouse, Rat	Rabbit
A340230	Phospho-GSK3 alpha/beta (Tyr279/216) Polyclonal Antibody	20 μ L	WB, IHC, ELISA	Human, Mouse, Rat	Rabbit
A340536	GSK3 beta Polyclonal Antibody	20 μ L	WB, IHC, IP, ELISA	Human, Mouse, Rat	Rabbit
A340231	Phospho-GSK3 beta (Ser9) Polyclonal Antibody	20 μ L	WB, IHC, IP, ELISA	Human, Mouse, Rat	Rabbit
A1013s	Goat Anti-Rabbit IgG (H+L) (peroxidase/HRP conjugated)	120 μ L	WB, ELISA	Rabbit	Goat

PRODUCT USE LIMITATION

These products are intended for research use only.