
Product Datasheet

Anti-GSK3-alpha (Phospho-Ser21) Antibody (orb1148425)

Description

Anti-GSK3-alpha (Phospho-Ser21)

Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IHC, WB
Immunogen	Peptide sequence that includes phosphorylation site of serine 21 (T-S-S(p)-F-A) derived from human GSK3 β and conjugated to KLH. Accession no.: P49840, NP_063937.2 Host Species: Rabbit Specificity: This antibody detects endogenous human, mouse, and rat GSK3 β only when phosphorylated at serine 21 and does not detect GSK3 β phosphorylated at Ser9.
Target	GSK3-alpha (Phospho-Ser21)
Preservatives	0.02% Sodium Azide. PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Form/Appearance	Liquid
Concentration	1.0 mg/mL
Storage	This antibody is stable for 1 month at 4°C or one year at -20°C. Avoid multiple freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Purity	Purified
Uniprot ID	P49840
Entrez	606784
Dilution Range	Western blotting: use at dilution of 1:500- 1:1,000. A band of ~51kDa is detected. Immunohistochemistry: use at dilution of 1:50- 1:100. These are recommended working dilutions. Enduser should determine optimal dilutions for their applications.