

GSK3 α (Phospho-Ser21) Conjugated Antibody

Catalog No: #C11007



Package Size: #C11007-AF350 100ul #C11007-AF405 100ul #C11007-AF488 100ul
 #C11007-AF555 100ul #C11007-AF594 100ul #C11007-AF647 100ul
 #C11007-AF680 100ul #C11007-AF750 100ul #C11007-Biotin 100ul

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Description

Product Name	GSK3 α (Phospho-Ser21) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of GSK3 α only when phosphorylated at serine 21 and does not detect GSK-3 β when phosphorylated at Ser9.
Immunogen Description	Peptide sequence around phosphorylation site of serine 21 (T-S-S(p)-F-A) derived from Human GSK3 α .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Factor A; GSK-3 alpha; kinase GSK3-alpha
Accession No.	Swiss-Prot#:P49840 NCBI Gene ID:2931 NCBI mRNA#:NM_019884.2 NCBI Protein#:NP_063937.2
Uniprot	P49840
GeneID	2931;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	51
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.

Note: This product is for in vitro research use only