

Rabbit Anti-GSK3A Polyclonal Antibody

CPB-923RH Rabbit(GSK3A)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-GSK3A Polyclonal Antibody
Antigen Description	Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.
specificity	The antibody detects endogenous level of total GSK3 α protein. and does not detect GSK-3 β protein.
Target	GSK3A
Immunogen	Peptide sequence around aa.19~23 (T-S-S-F-A) derived from Human GSK3A.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	IFA, WB, IHC

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

ANTIGEN GENE INFORMATION

Gene Name	GSK3A glycogen synthase kinase 3 alpha [Homo sapiens]
Official Symbol	GSK3A
Synonyms	GSK3A; glycogen synthase kinase 3 alpha; glycogen synthase kinase-3 alpha; GSK-3 alpha; serine/threonine-protein kinase GSK3A; DKFZp686D0638;
GeneID	2931
mRNA Refseq	NM_019884
Protein Refseq	NP_063937
MIM	606784
UniProt ID	P49840
Chromosome Location	19q13
Pathway	AKT phosphorylates targets in the cytosol, organism-specific biosystem; Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem;

Function

ATP binding; nucleotide binding; protein binding; protein kinase A catalytic subunit binding; protein serine/threonine kinase activity; tau-protein kinase activity;