

Datasheet for ABIN7181373
anti-GSK3 alpha antibody (pSer21)



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1 Image

Overview

Quantity:	100 µg
Target:	GSK3 alpha (GSK3a)
Binding Specificity:	pSer21
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSK3 alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Synthesized peptide derived from Human GSK3alpha around the phosphorylation site of S21.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	GSK3 alpha (GSK3a)
Alternative Name:	GSK3A (GSK3a Products)
Background:	DKFZp686D0638 antibody, Glycogen synthase kinase 3 alpha antibody, Glycogen synthase

Target Details

	kinase-3 alpha antibody, GSK 3 alpha antibody, GSK 3A antibody, GSK-3 alpha antibody, Gsk3a antibody, GSK3A_HUMAN antibody, GSK3alpha antibody, Serine/threonine protein kinase GSK3A antibody
UniProt:	P49840
Pathways:	PI3K-Akt Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , cAMP Metabolic Process , Cellular Glucan Metabolic Process , Regulation of Muscle Cell Differentiation , Regulation of G-Protein Coupled Receptor Protein Signaling , ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process , BCR Signaling , Warburg Effect

Application Details

Application Notes:	WB:1:500-1:2000, IHC:1:100-1:300, IP:2-5 µg, ELISA:1:20000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot analysis of HeLa cells using Phospho-GSK3α (S21) Polyclonal Antibody