

GSK3 α/β (Phospho Tyr279/216) Rabbit pAb

CatalogNo: YP0123

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 51,46kD (Observed)

Isotype

- IgG

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Recommended Dilution Ratios

IF 1:50-200

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:20000

Not yet tested in other applications

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human GSK3 alpha/beta around the phosphorylation site of Tyr279/216. AA range:246-295

Specificity This antibody detects endogenous levels of GSK3 α/β only when phosphorylated at Human:Y279/216, Mouse:Y279/216, Rat:Y279/216..The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):VSylC

| Target Information

Gene name	GSK3A/GSK3B		
Protein Name	Glycogen synthase kinase-3 alpha/beta		
	Organism	Gene ID	UniProt ID
	Human	2931 ;	P49840 ; P49841 ;
	Mouse	606496 ; 56637 ;	
	Rat	50686 ; 84027 ;	P18265 ; P18266 ;
Cellular Localization	apical dendrite;axon;beta-catenin destruction complex;cytoplasm;cytosol;mitochondrion;neuronal cell body;nucleus;postsynapse;proximal dendrite;		
Tissue specificity	Brain ,Eye ,Foreskin ,Lung ,Pancreas ,Platelet ,Testis ,		
Function	Catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate. ,Function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase , MYB and the transcription factor JUN. ,similarity:Belongs to the protein kinase superfamily. ,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. GSK-3 subfamily. ,similarity:Contains 1 protein kinase domain. ,subunit:Monomer. ,		

| Validation Data

| Contact information

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