GSK3α/β (Phospho Tyr279/216) Rabbit pAb

CatalogNo: YP0123

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Rat	• WB,IHC,IF,ELISA

MW	Isotype
• 51,46kD (Observed)	• 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 GSK3α/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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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):VSyIC

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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Please scan the QR code to access additional product information: **GSK3α/β (Phospho Tyr279/216) Rabbit pAb**