

Product Datasheet

GSK3 alpha/beta (Phospho-Y279/216) Rabbit Polyclonal Antibody (orb216120)

Catalog Number	orb216120
Category	Antibodies
Description	The GSK3 alpha/beta (Phospho-Y279/216) Antibody is suitable for IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y279/216 of human GSK3 alpha/beta protein. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	GSK3A; GSK3B
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat, Zebrafish
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y279/216 of human GSK3 alpha/beta protein. The exact sequence is proprietary.
UniProt ID	P18266, P49841, P49840, Q2NL51, Q9WV60, P18265

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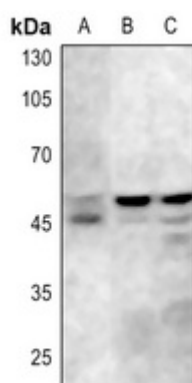
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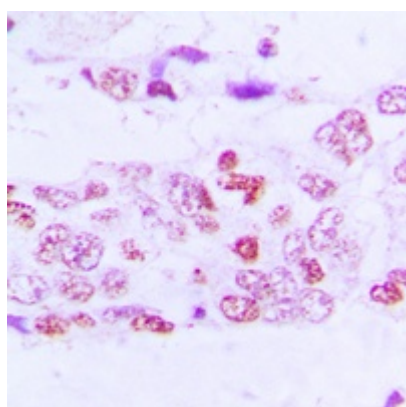
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Tested applications	IHC, WB
Dilution range	WB: 1:500-1:1000, IHC-P: 1:100-1-200
Specificity	Recognizes endogenous levels of GSK3 alpha/beta protein only when phosphorylated at Y279/216.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	84027 , 56637 , 2931 , 606496 , 50686
Expiration Date	12 months from date of receipt.



Western blot analysis of GSK3 alpha/beta (Phospho-Y279/216) expression in mouse testis (A), rat testis (B), rat spleen (C) whole cell lysates. (Predicted band size: 50; 46 kD; Observed band size: 51; 46 kD)



Immunohistochemical analysis of GSK3 alpha/beta (Phospho-Y279/216) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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