

产品名称: GSK3 alpha Mouse Monoclonal Antibody
产品货号: AMM80557



产品概述 (Summary)

产品名称 (Production Name)	GSK3 alpha Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GSK3 alpha
别名 (Alternative Names)	DKFZp686D0638; GSK3A
基因 ID (Gene ID)	2931.0
蛋白 ID (SwissProt ID)	P49840.Purified recombinant fragment of GSK3 alpha expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	/

研究背景 (Background)

GSK3 alpha (Glycogen synthase kinase 3 alpha), with 483-amino acid protein (about 53kDa), belongs to the Ser/Thr family of protein kinases, Cdc2/cdkx subfamily,GSK3 subsubfamily, which also includes GSK3 beta.GSK3 is a multifunctional

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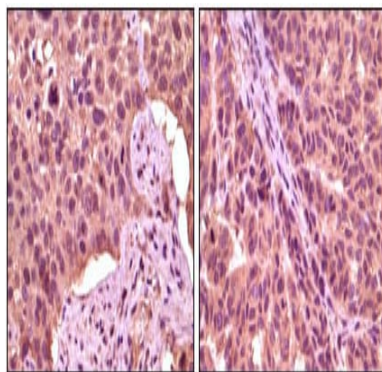


serine/threonine kinase that is usually inactivated by serine phosphorylation in response to extracellular cues. GSK3 is a key regulator of numerous signalling pathways, including cellular responses to Wnt, receptor tyrosine kinases and G-protein-coupled receptors and is involved in a wide range of cellular processes, ranging from glycogen metabolism to cell cycle regulation and proliferation. GSK3 alpha is implicated in the control of several regulatory proteins including glycogen synthase and transcription factors.

研究领域 (Research Area)

Wnt signaling pathway

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human lung carcinoma (left) and skin carcinoma (right), showing cytoplasmic localization using GSK3 alpha mouse mAb with DAB staining.

注意事项 (Note)

For research use only .