

产品名称: Phospho-GSK3 beta (Ser9) Rabbit Monoclonal Antibody
产品货号: AMRe84846



产品概述 (Summary)

产品名称 (Production Name)	Phospho-GSK3 beta (Ser9) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
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)	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Phospho-GSK3 beta (Ser9)
别名 (Alternative Names)	GSK3B; Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B
基因 ID (Gene ID)	2932.0
蛋白 ID (SwissProt ID)	P49841.A synthetic phosphopeptide corresponding to residues surrounding Ser9 of human GSK3 beta

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 47 kDa; Observed MW: 47 kDa

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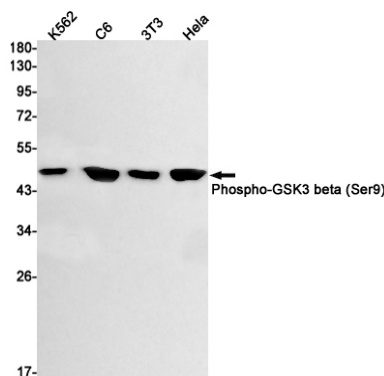
研究背景 (Background)

Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. In skeletal muscle, it contributes to insulin regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis.

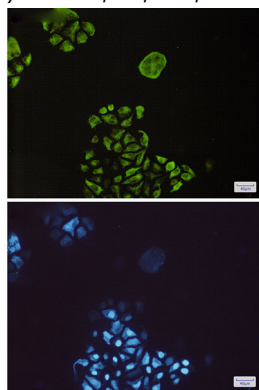
研究领域 (Research Area)

Wnt signaling pathway, PI3K-Akt signaling pathway

图片 (Image Data)

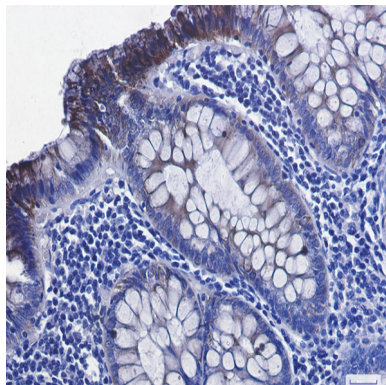


Western blot analysis of Phospho-GSK3 beta (Ser9) in K562, C6, 3T3, HeLa lysates using Phospho-GSK3 beta (Ser9) antibody.



Immunocytochemistry analysis of Phospho-GSK3 beta (Ser9)(green) in HeLa using Phospho-GSK3 beta (Ser9) antibody, and DAPI(blue)

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Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Phospho-GSK3 beta (Ser9) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .