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GSK3 beta (Phospho-Ser9) Antibody

货号: AYP4032

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	46kDa/48kDa
实测分子量	47kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LO2,HeLa,22Rv1,U-251MG
细胞定位	Cell membrane,Cytoplasm,Nucleus
纯化	Affinity purification

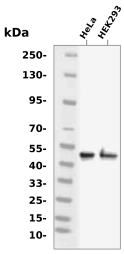
抗原信息

抗原信息	Synthesized peptide derived from Human GSK3 beta (Phospho-Ser9).

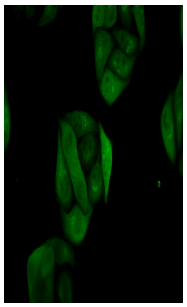
靶点信息

研究背景	The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. P olymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mi ce show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alter natively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	2932
基因名	GSK3B
Swiss	P49841 (https://www.uniprot.org/uniprotkb/P49841/entry)
别名	GSK3B,gsk-3β,Glycogen Synthase Kinase 3 Beta,Glycogen synthase kinase-3 beta,GSK 3 beta,GSK-3 bet a,GSK3B_HUMAN,GSK3beta isoform,Serine/threonine-protein kinase GSK3B,GSK3 beta (Phospho-Ser9),GS K3 beta (Phospho-Ser9) Antibody

产品验证



Western blot analysis of GSK3 beta (Phospho-Ser9) expressed in hela,Hek293 using GSK3 beta (Phospho-Ser9) Rabbit pAb at 1:500. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/protei ns: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure ti me: 120s.



Immunofluorescence analysis of HeLa cells labelling GSK3 beta (Phospho-Ser9) with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0. 1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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