Phospho-GSK3B (Ser9) antibody

Product Information

Catalog No.:	FNab10504
Size:	100μg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	3B9
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

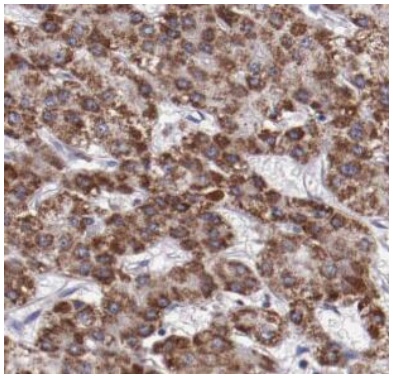
Immunogen information

Immunogen:	glycogen synthase kinase 3 beta
Synonyms:	Glycogen synthase kinase-3 beta (GSK-3 beta)|Serine/threonine-protein kinase GSK3B|GSK3B
Observed MW:	47 kDa
Uniprot ID :	P49841

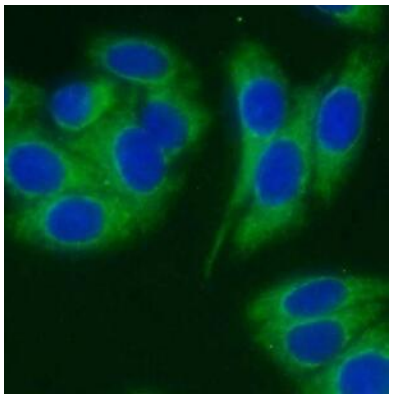
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IF: 1:50-1:200

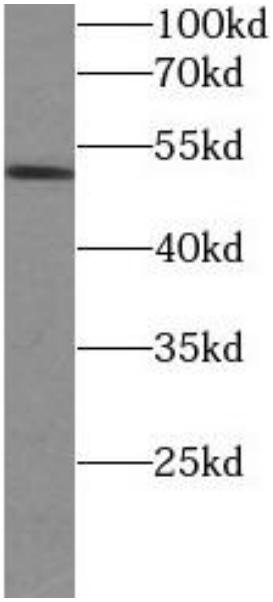
Image:



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using FNab10504(Phospho-GSK3B (Ser9) Antibody) at dilution of 1:100



Immunofluorescent analysis of HepG2 cells using FNab10504(Phospho-GSK3B (Ser9) antibody) at dilution of 1:50.



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab10504(Phospho-GSK3B (Ser9) antibody) at dilution of 1:1000