

GSK3B antibody

Product Information

Catalog No.:	FNab10503
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	5F4
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C 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.

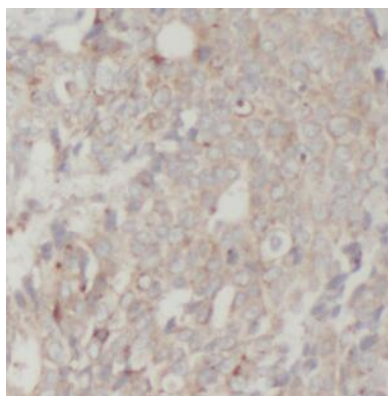
Immunogen information

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

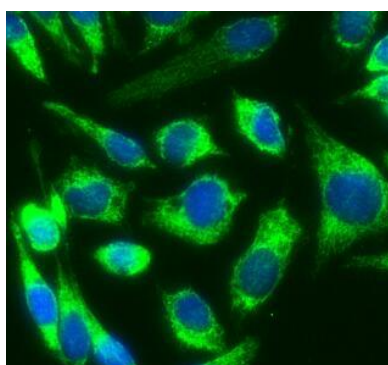
Application

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

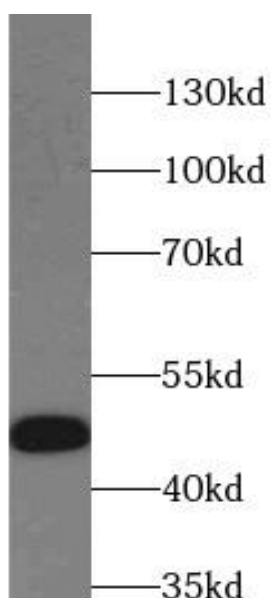
Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab10503 (GSK3B Antibody) at dilution of 1:100



Immunofluorescent analysis of HeLa cells using FNab10503 (GSK3B antibody) at dilution of 1:50.



HeLa cells were subjected to SDS PAGE followed by western blot with FNab10503 (GSK3B antibody) at dilution of 1:1000