

## anti- GSK3B antibody

### Product Information

Catalog No.:	FNab03676
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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. Researches showed that the crystal structure of human GSK3B, expressed in insect cells, at 2.8-angstrom resolution .This antibody recognize the C-terminal of GSK3B.

### Immunogen information

Immunogen:	glycogen synthase kinase 3 beta
Synonyms:	GSK 3 beta, GSK3 beta, GSK3A B, GSK3B, GSK-3B, GSK3B 216P, gsk3beta
Observed MW:	50 kDa
Uniprot ID :	P49841

### Application

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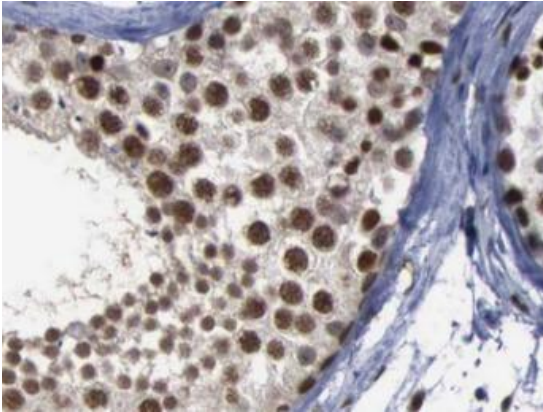
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse

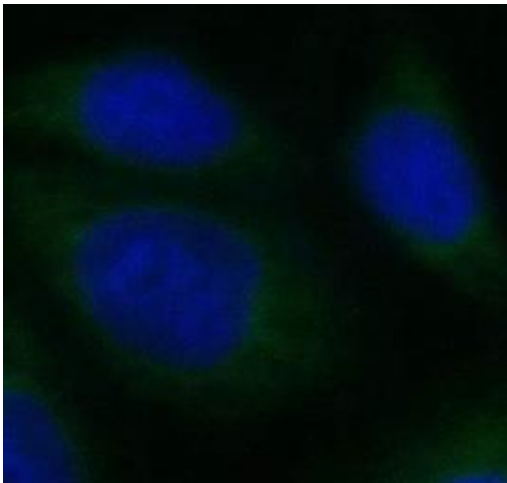
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:10-1:100

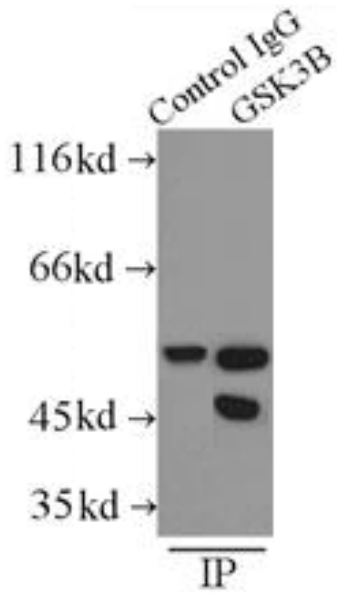
Image:



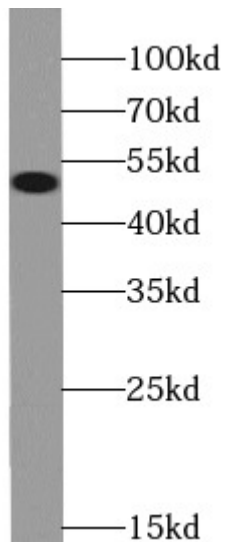
Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab03676(GSK3B Antibody) at dilution of 1:50



Immunofluorescent analysis of HeLa cells using FNab03676 (GSK3B antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



IP Result of anti-GSK3B (IP: FNab03676, 3ug;  
Detection: FNab03676 1:500) with HeLa cells  
lysate 800ug.



mouse ovary tissue were subjected to SDS PAGE  
followed by western blot with FNab03676(GSK3B  
antibody) at dilution of 1:1000