

Basic Information

Product Name	Anti-GSK3B (Phospho-Ser9) Antibody (Clone#IFC-7)		
Gene Name	GSK3B		
Source	Rabbit		
Clonality	Monoclonal		
Isotype	IgG		
Species Reactivity	human		
Tested Application	WB, IHC, ICC/IF		
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
Immunogen	A synthesized peptide derived from human Phospho-GSK3 beta (Ser9)		
Concentration	500 ug/ml		
Purification	Affinity-chromatography		
Observed MW	46 kDa		
Dilution Ratios	Western blot (WB):	1:1000-5000	
	Immunohistochemistry (IHC):	1:50-200	
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200	

Storage

12 months from date of receipt, -20°C as supplied.

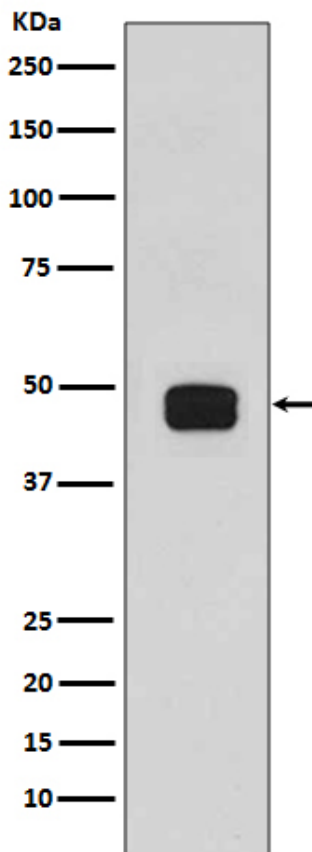
Background Information

Glycogen synthase kinase-3 alpha is an enzyme that in humans is encoded by the GSK3A gene. This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease.

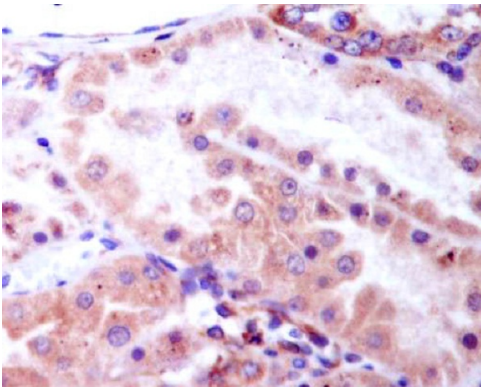
Reference

Anti-GSK3B (Phospho-Ser9) Antibody (Clone#IFC-7)被引用在9文献中。

Selected Validation Data



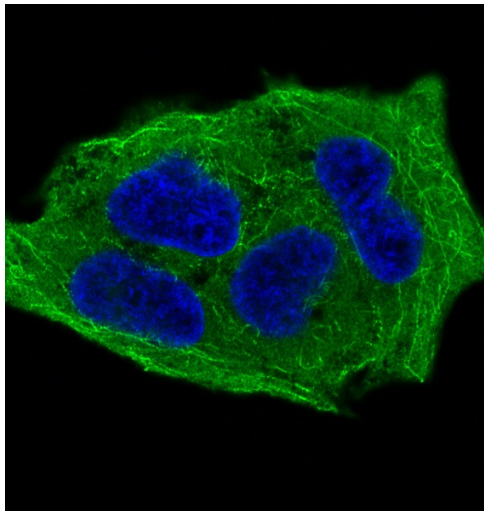
Western blot analysis of GSK3 beta (phospho S9) expression in 293T cell lysates, treated with Calyculin A.



Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-GSK3 beta (Ser9) Antibody.

**Anti-GSK3B (Phospho-Ser9) Antibody
(Clone#IFC-7)**

Catalog Number: BM4837



Immunofluorescent analysis of HeLa cells treated with Calyculin A,
using Phospho-GSK3 beta (Ser9) Antibody.