## **GSK3A Antibody**

Catalog No: #36917



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

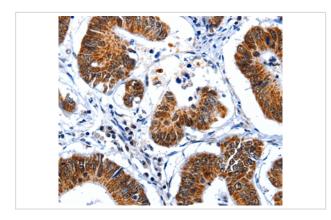
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GSK3A Antibody	
Rabbit	
Polyclonal	
Antigen affinity purification.	
IHC	
Hu	
The antibody detects endogenous levels of total GSK3A protein.	
Peptide	
Synthetic peptide corresponding to residues near the C terminal of human glycogen synthase kinase 3 alpha	
GSK3A	
DKFZp686D0638;GSK-3 alpha; GSK3A	
Swiss-Prot#: P49840NCBI Gene ID: 2931Gene Accssion: NP_063937	
P49840	
2931;	
2mg/ml	
Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.	
Store at -20°C	

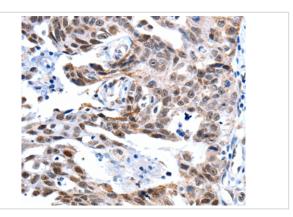
## Application Details

Immunohistochemistry: 1:50-1:200

## **Images**



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36917 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #36917 at dilution 1/50.

## Background

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. May also mediate the development of insulin resistance by regulating activation of transcription factors. In Wnt signaling, regulates the level and transcriptional activity of nuclear CTNNB1/beta-catenin. Facilitates amyloid precursor protein (APP) processing and the generation of APP-derived amyloid plaques found in Alzheimer disease. May be involved in the regulation of replication in pancreatic beta-cells. Is necessary for the establishment of neuronal polarity and axon outgrowth.

Note: This product is for in vitro research use only