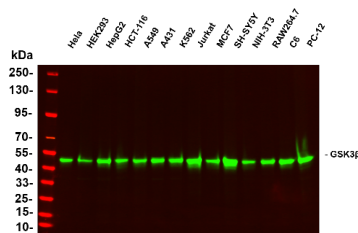


Recombinant GSK3β Monoclonal Antibody

catalog number: AN301309L

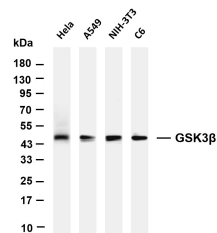
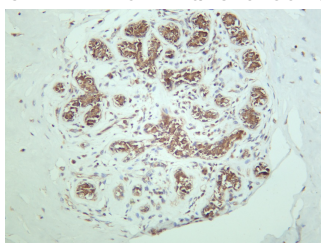
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat;Rabbit
Immunogen	Recombinant Human GSK3β protein
Host	Rabbit
Isotype	IgG, κ
Clone	B1072
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200
Data	

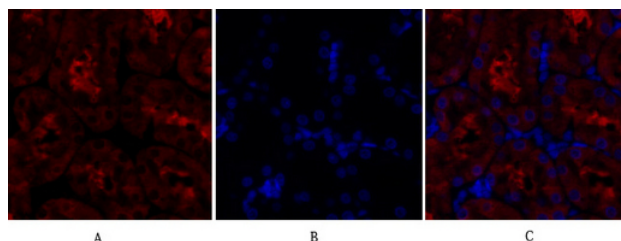


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:5000 dilution. The Dylight 800-conjugated

Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HeLa Lane2: HEK293 Lane3: HepG2 Lane4: HCT-116 Lane5: A549 Lane6: A431 Lane7: K562 Lane8: Jurkat Lane9: MCF7 Lane10: SH-SY5Y Lane11: NIH-3T3 Lane12: RAW264.7 Lane13: C6 Lane14: PC-12



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-GSK3β antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: A549 Lane 3: NIH-3T3 Lane 4: C6 Predicted band size: 47kDa Observed band size: 47kDa



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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.4

Human breast carcinoma was stained with anti-GSK3β rabbit antibody

Immunofluorescence analysis of rat-kidney tissue. 1, GSK3β Monoclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping Ice bag

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.