

GSK3 β Rabbit pAb

Catalog No.: A6164 20 Publications

Basic Information

Observed MW

46kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a serine-threonine kinase belonging to the glycogen synthase kinase subfamily. It is a negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
IP	0.5 μ g-4 μ g antibody for 200 μ g-400 μ g extracts of whole cells
ELISA	Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Immunogen Information

Gene ID

2932

Swiss Prot

P49841

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

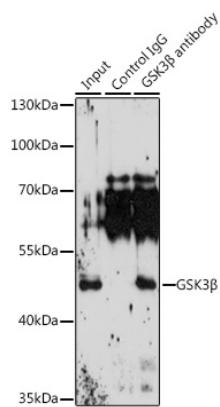
Synonyms

GSK3B; gsk-3 β ; GSK3 β

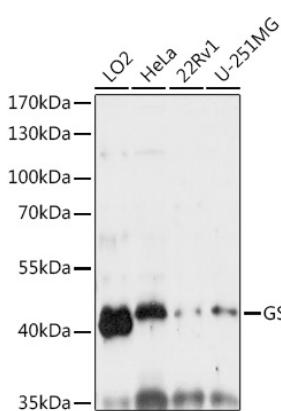
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.		

Validation Data



Immunoprecipitation analysis of 200 µg extracts of 22Rv1 cells, using 3 µg GSK3β antibody (A6164). Western blot was performed from the immunoprecipitate using GSK3β antibody (A6164) at a dilution of 1:1000.



Western blot analysis of various lysates using GSK3β Rabbit pAb (A6164) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.