

GSK3 β Rabbit mAb

Catalog No.: A10877

Recombinant

1 Publications

Basic Information

Observed MW

47kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

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 - 1:3000
IHC-P	1:50 - 1:200
IF/ICC	1:100 - 1:500

Immunogen Information

Gene ID

2932

Swiss Prot

P49841

Immunogen

Recombinant protein of human GSK3 β

Synonyms

GSK3B; gsk-3 β ; GSK3 β

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

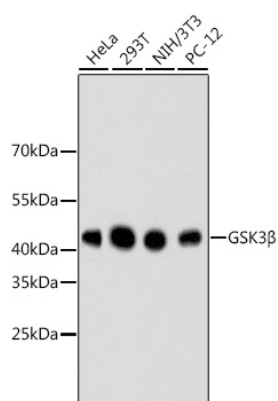
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GSK3 β antibody (A10877).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.