

GSK-3 α / β Rabbit mAb

Catalog No.: A22665 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

46kDa/48kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC55345

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.

Recommended Dilutions

WB	1:2000 - 1:20000
IP	0.5 μ g-4 μ g antibody for 200 μ g-400 μ g extracts of whole cells

Immunogen Information

Gene ID

2931/ 2932

Swiss Prot

P49840/P49841

Immunogen

Recombinant protein of human GSK-3 α / β NP_063937.2

Synonyms

GSK3B; gsk-3 β ; GSK-3 α / β

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

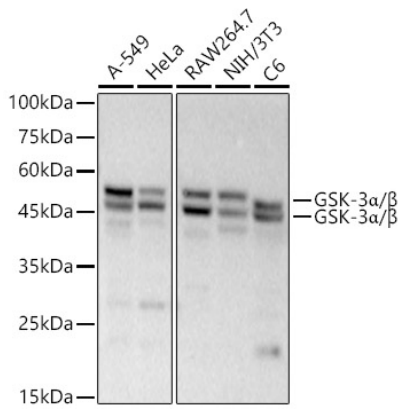
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using GSK-3 α / β Rabbit mAb (A22665) at 1:20000 dilution.
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.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.