

GSK-3 α / β Rabbit pAb

Catalog No.: A21167

Basic Information

Observed MW

Refer to figures

Calculated MW

46kDa/48kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Human, Mouse

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

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

2931/ 2932

Swiss Prot

P49840/P49841

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 253-368 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

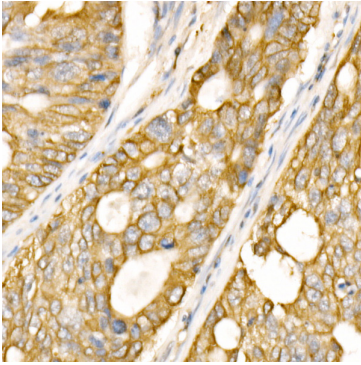
Affinity purification

Storage

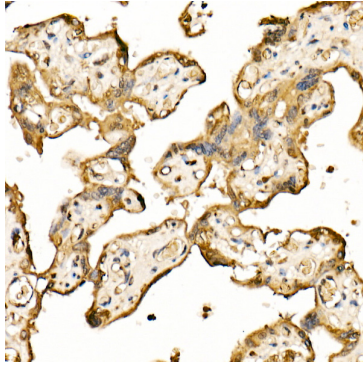
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using GSK-3 α / β Rabbit pAb (A21167) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human placenta using GSK-3 α / β Rabbit pAb (A21167) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.