

GSK-3 α / β Rabbit pAb

Catalog No.: A21167

Basic Information

Observed MW

Refer to figures

Calculated MW

46kDa/48kDa

Category

Primary antibody

Applications

IHC-P, ELISA

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

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

2931/2932

Swiss Prot

P49840/P49841

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GSK3B; gsk-3 β ; GSK-3 α / β

Contact

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Product Information

Source

Rabbit

Isotype

IgG

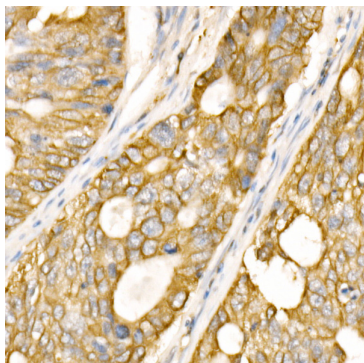
Purification

Affinity purification

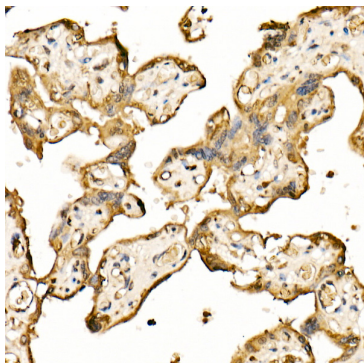
Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using GSK-3 α / β Rabbit pAb (A21167) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using GSK-3 α / β Rabbit pAb (A21167) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.