Phospho-GSK3β-Y216 + GSK3α-Y279 Rabbit mAb

Catalog No.: AP1530 Recombinant



Basic Information

Observed MW 46kDa/51kDa

Calculated MW 51kDa/46kDa

Category Primary antibody

Applications WB,ELISA

Cross-Reactivity Mouse

CloneNo number ARC68446

The protein enco

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 Immuno

WB	1:1000 - 1:4000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID 2931/2932 **Swiss Prot** P49840/P49841

Immunogen

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

Synonyms

GSK3B; GSK 3 beta; GSK3A; GSK 3 alpha; Phospho-GSK3α-S21+GSK3β-S9

Contact

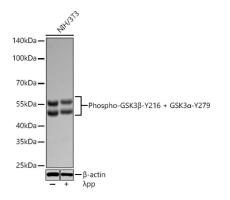
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Product Information

Source Rabbit **lsotype** IgG **Purification** Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.



Western blot analysis of lysates from NIH/3T3 cells using Phospho-GSK3 β -Y216 + GSK3 α -Y279 Rabbit mAb (AP1530) at 1:1000 dilution incubated overnight at 4°C. NIH/3T3 cells were treated by λ -PP mixed solution (1 μ L) at 30°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.