

A21444

Leader in Biomolecular Solutions for Life Science



GSK3 β Rabbit pAb

Catalog No.: A21444

Basic Information

Observed MW

47kDa

Calculated MW

47kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, 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 - 1:1000

Immunogen Information

Gene ID

2932

Swiss Prot

P49841

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 350-420 of GSK3 β (NP_001139628.1).

Synonyms

GSK3B; glycogen synthase kinase-3 beta; GSK3 β

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

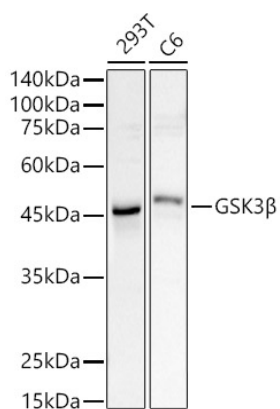
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of various lysates, using GSK3β Rabbit pAb (A21444) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.