

A0480

Leader in Biomolecular Solutions for Life Science



GSK3β

Catalog No.: A0480

3 Publications

Basic Information

Observed MW

45kDa

Calculated MW

47kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC

Cross-Reactivity

Human,Mouse,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
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

2932

Swiss Prot

P49841

Immunogen

Recombinant protein of human GSK3B

Synonyms

GSK3B;gsk-3β

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

Purification

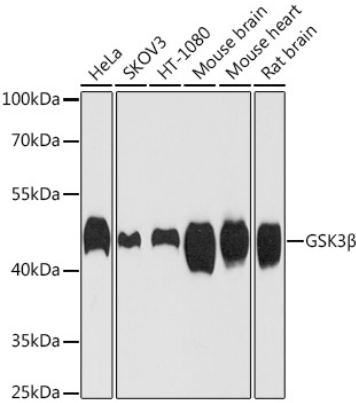
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using GSK3β (A0480) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.