

GSK3B Recombinant antibody

Cat: B36057S

Company: HaoKebio

Uniprot ID: P49841

Applications: IHC:1:200-1:800

Organism: Rabbit

IHC-Polymer:1:800-1:3200

Species reactivity: Human Mouse Rat

IHC-TSA:1:1000-1:4000

Molecular Weight Calculation: 433 aa, 48 kDa

WB:1:5000-1:50000

Observed Molecular Weight: 45 kDa

IP:1ug for 1mg of total protein lysate

Background:

Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. In skeletal muscle, it contributes to INS regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis.

Synonyms:

GSK3 beta, 4N21, EC:2.7.11.1, EC:2.7.11.26, GSK 3 beta

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm, Nucleus, Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

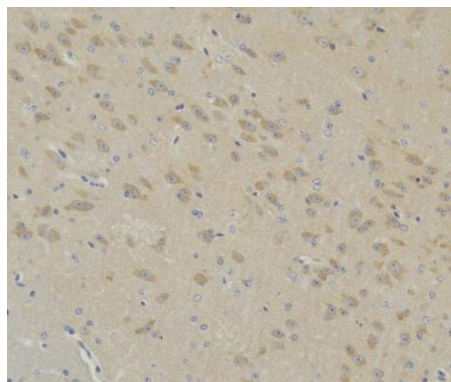
Store at -20 °C for one year.

Experimental procedure:

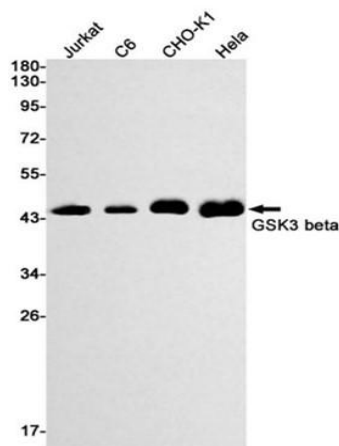
Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium

high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse brain, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:GSK3B(B36057S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:GSK3B(B36057S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.