

GSK3Beta Rabbit Polyclonal Antibody



CAB11360

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

46kDa

Calculated MW:

46kDa/48kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

2932

Uniprot

P49841

Synonyms:

GSK3B; gsk-3Beta

Antibody Information

Recommended dilutions:

WB 1:200 - 1:500 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

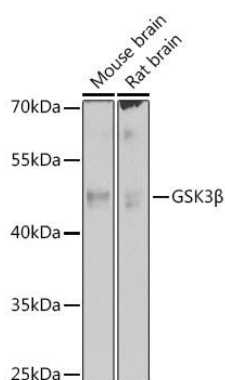
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 320 to the C-terminus of human GSK3Beta (NP_001139628.1).

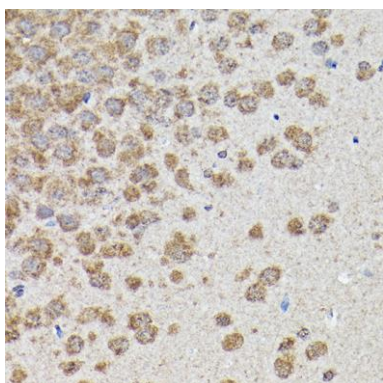
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

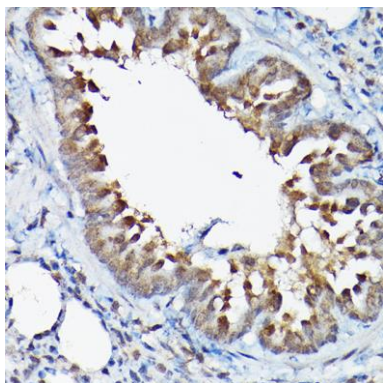
Product Images



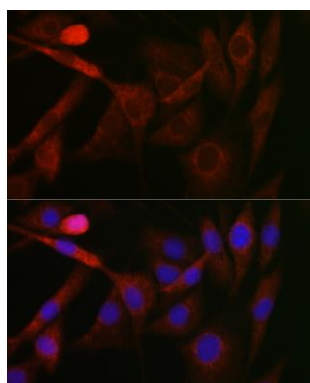
Western blot analysis of extracts of various cell lines, using GSK3beta antibody (CAB11360) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 20s.



Immunohistochemistry of paraffin-embedded rat brain using GSK3beta Rabbit pAb (CAB11360) at dilution of 1:50 (40x lens).



Immunohistochemistry of paraffin-embedded rat lung using GSK3b Rabbit pAb (CAB11360) at dilution of 1:50 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using GSK3beta Rabbit pAb (CAB11360) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.