bs-20134R

[**Primary Antibody**]

GSK3A Rabbit pAb

Bioss
ANTIBODIES

— DATASHEET —

Host: Rabbit

Clonality: Polyclonal

GeneID: 2931

Target: GSK3A

Immunogen: KLH conjugated synthetic peptide derived from human GSK3A: 51-150/483.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease. [provided by RefSeq, Oct 2011]

Isotype: IgG

SWISS: P49840

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow)

Predicted MW.: 54 kDa

Subcellular Location: Cytoplasm

— VALIDATION IMAGES —
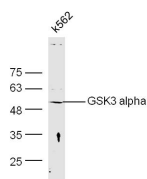
Sample: K562(human)cell Lysate at 40 ug Primary: Anti-GSK3 alpha(bs-20134R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 54kD Observed band size: 54kD
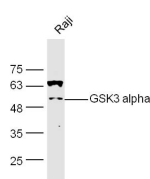
Sample: Raji Cell (Human) Lysate at 30 ug Primary: Anti-GSK3 alpha (bs-20134R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD
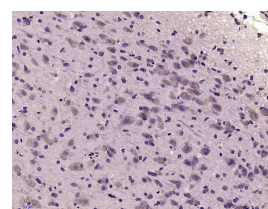
Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (GSK3 alpha) Polyclonal Antibody, Unconjugated (bs-20134R) at 1:400 overnight at 4℃, followed by conjugation to the secondary antibody (labeled with HRP)and DAB staining.