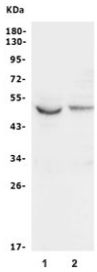
GSK3A Antibody / GSK3 alpha (RQ5950)

Catalog No.	Formulation	Size
RQ5950	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P49840
Applications	Western blot: 0.5-1ug/ml
Limitations	This GSK3A antibody is available for research use only.



Western blot testing of human 1) K562 and 2) HeLa lysate with GSK3A antibody. Predicted molecular weight ~51 kDa.

Description

Glycogen synthase kinase-3 alpha is an enzyme that in humans is encoded by the GSK3A gene. It is mapped to 19q13.2. 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.

Application Notes

Optimal dilution of the GSK3A antibody should be determined by the researcher.

Immunogen

Amino acids ARHFTKAKLTIPILYVK from the human protein were used as the immunogen for the GSK3A antibody.

Storage

After reconstitution, the GSK3A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.