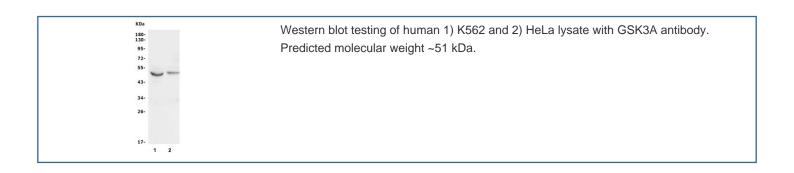


# GSK3A Antibody / GSK3 alpha (RQ5950)

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
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.



### **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.