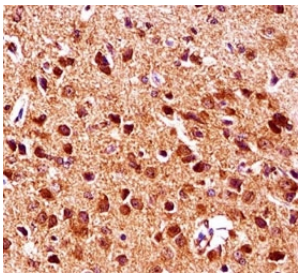
Gsk3b Antibody (F44221)

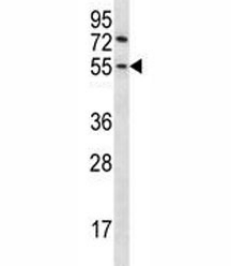
Catalog No.	Formulation	Size
F44221-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44221-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9WV60
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This Gsk3b antibody is available for research use only.



Gsk3b antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue.



Gsk3b antibody western blot analysis in mouse NIH3T3 lysate. Predicted molecular weight ~50 kDa.

Description

Participates in the Wnt signaling pathway. Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN. Phosphorylates JUN at sites proximal to its DNA-binding domain, thereby reducing its affinity for DNA. May phosphorylate MUC1 and decrease the interaction of MUC1 with CTNNB1/beta-catenin. Phosphorylates CTNNB1/beta-catenin. Phosphorylates SNAI1 (By similarity).

Application Notes

Titration of the Gsk3b antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 30-59 from the mouse protein was used as the immunogen for this Gsk3b antibody.

Storage

Aliquot the Gsk3b antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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