

GSK3 beta Polyclonal Antibody

Catalog No. E-AB-70043

Note: Centrifuge before opening to ensure complete recovery of vial contents.

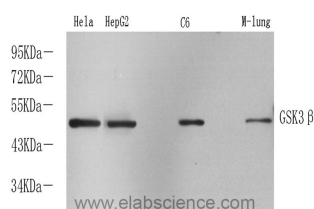
Description

Reactivity	Human, Mouse, Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse GSK3β
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

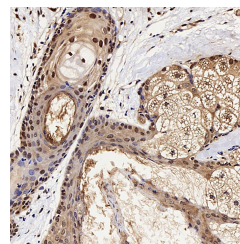
WB	1:500-1:2000
IHC	1:300-1:800
IF	1:200-1:500

Data

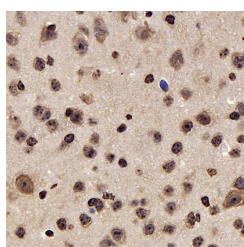


Western Blot analysis of various samples using GSK3 beta Polyclonal Antibody at dilution of 1:1000.

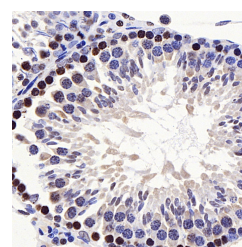
Observed Mw:47kDa
Calculated Mw:47kDa



Immunohistochemistry analysis of paraffin-embedded human ovary cancer using GSK3 beta Polyclonal Antibody at dilution of 1:300.

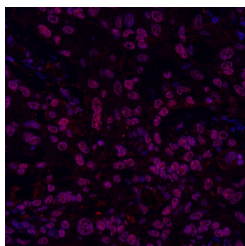


Immunohistochemistry analysis of paraffin-embedded mouse brain using GSK3 beta Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat testis using GSK3 beta Polyclonal Antibody at dilution of 1:300.

For Research Use Only



Immunofluorescence analysis of paraffin-embedded human liver cancer using GSK3 beta Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a serine-threonine kinase belonging to the glycogen synthase kinase subfamily. It is a negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease.