GSK3 beta (phospho Ser9) antibody

Cat. No. GTX29769

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA
Reactivity	Human, Drosophila

References (1)
Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:200-1:1000
IHC-P	1:200-1:1000
ELISA	1:10000-1:50000

Not tested in other applications.

Calculated MW	47 kDa. (Note)
Product Note	This phospho specific polyclonal antibody reacts with phosphorylated pS9 of human GSK3B. Reactivity with non-phosphorylated human GSK3B is minimal.

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to a N-Terminal region near aa 1-15 of human GSK3 beta.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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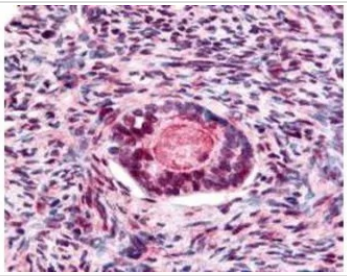
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

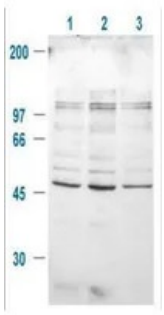
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



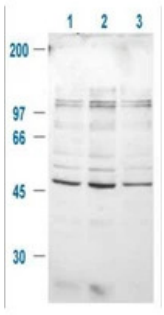
GTX29769 IHC-P Image

Rabbit anti-GSK3B pS9 (GTX29769) was used at a 1:200 dilution to detect GSK3B by immunohistochemistry in human ovarian cancer tumor tissue. Tissue was formalin-fixed and paraffin embedded.



GTX29769 WB Image

Western blot using GeneTex Immunochemical's Rabbit-anti-GSK3B pS9 antibody at a 1:1,000 dilution. All lanes contain human 293T whole cell lysate showing a band at 47 kDa. Cells were serum starved for 24 h prior to extraction. Lane 1: Control, Lane 2: treated with IGF-1 (100 ng/ml) for 20' , lane 3: pre-treated with 10 uM LY294002 (selective PI3K inhibitor) and treated with IGF-1 (100 ng/ml) for 20'. Molecular weight markers confirm a MW of ~ 49 kDa.



GTX29769 WB Image

WB analysis of treated and untreated 293T whole cell lysate using GTX29769 GSK3 beta (phospho Ser9) antibody.
Lane 1 : Mock
Lane 2 : IGF-1 treated whole cell lysate
Lane 3 : Pre-teated with LY294002 and treated with IGF-1 whole cell lysate

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