

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 4°C. For long-term storage, aliquot and store at -20°C 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 |

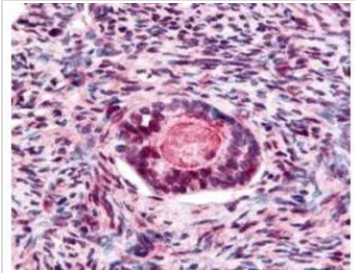
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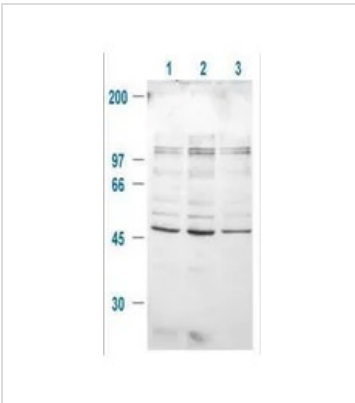
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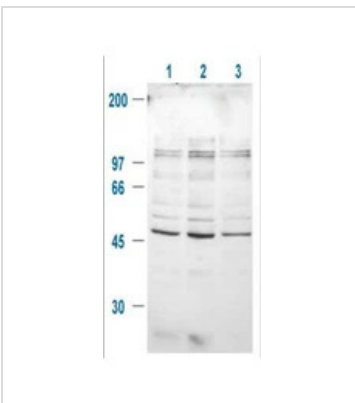
DATA IMAGES

**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-treated with LY294002 and treated with IGF-1 whole cell lysate



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