

Anti-Phospho-GSK3B-Y216/Y279 antibody (STJ116370)

STJ116370

GENERAL INFORMATION

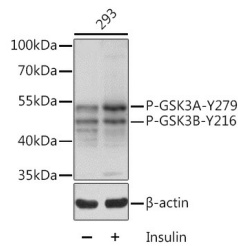
| | |
|--------------------------|---|
| Product Type | Primary antibodies |
| Short Description | Rabbit polyclonal antibody anti-Phospho-GSK3B/GSK3A-Y216/Y279 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence. |
| Applications | WB, IHC, IF |
| Host/Source | Rabbit |
| Reactivity | Human, Mouse, Rat |

PRODUCT PROPERTIES

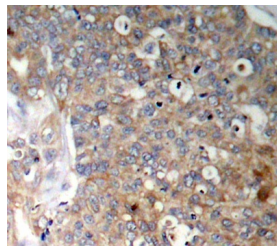
| | |
|-----------------------|---|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB 1:500-1:2000 IHC 1:50-1:100 IF 1:100-1:200 |
| Formulation | PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3. |
| Isotype | IgG |
| Storage | Store in a freezer at -20°C and avoid freeze-thaw cycles. |
| Instruction | |

TARGET INFORMATION

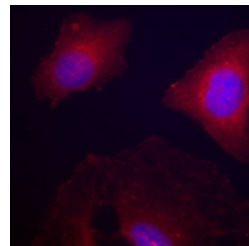
| | |
|---------------------------|---|
| Gene ID | 2932 |
| Gene Symbol | GSK3B |
| Uniprot ID | GSK3B_HUMAN |
| Immunogen | A synthetic phosphorylated peptide around Y216 of human GSK3 Beta (NP_001139628). |
| Immunogen Region | |
| Specificity | |
| Immunogen Sequence | |



Western blot analysis of extracts of 293 cells, using Phospho-GSK3 Beta-Y216 + GSK3 Alpha-Y279 antibody (STJ116370) at 1:1000 dilution. 293T cells were treated by Insulin (100nM) for 10 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-GSK3 Beta-Y216 + GSK3 Alpha-Y279 antibody (STJ116370). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of methanol-fixed HeLa cells using Phospho-GSK3 Beta-Y216 + GSK3 Alpha-Y279 antibody (STJ116370).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081