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# Anti-Phospho-GSK3 beta (Ser9) Rabbit Monoclonal Antibody

**Catalog Number:** P00791-1

## Overview

| | |
|---|---|
| Product Name | Anti-Phospho-GSK3 beta (Ser9) Rabbit Monoclonal Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-Phospho-GSK3 beta (Ser9) Rabbit Monoclonal Antibody catalog # P00791-1. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human. |
| Application | IF, IHC, ICC, WB |
| Clonality | Monoclonal IFC-7 |
| Formulation | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P49841 |

## Technical Details

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|---|---|
| Immunogen | A synthesized peptide derived from human Phospho-GSK3 beta (Ser9) |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5mg/ml |
| Purification | Affinity-chromatography |
| Suggested Dilutions | WB 1:1000-5000<br>IHC 1:50-200<br>ICC/IF 1:50-200 |

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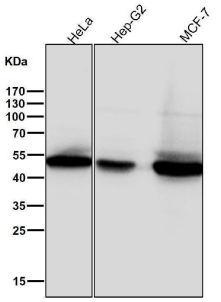
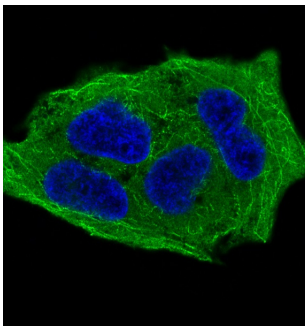
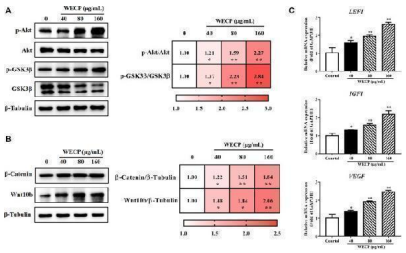
# Anti-Phospho-GSK3 beta (Ser9) Rabbit Monoclonal Antibody (P00791-1) Images



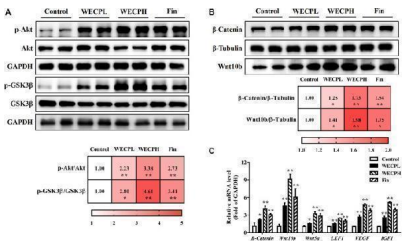

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Immunofluorescent analysis of HeLa cells treated with Calyculin A, using Phospho-GSK3 beta (Ser9) Antibody.



WECP activated Akt/GSK3beta/beta-Catenin signaling pathway in DPCs. DPCs were incubated with WECP (40, 80 and 160 ug/mL) in culture medium for 24 h. (A) Akt and GSK3beta phosphorylation levels were detected in DPCs after WECP treatment. (B) Effects of WECP treatment on beta-Catenin and Wnt10b protein expression levels in DPCs. (C) Transcriptional expression of LEF1, IGF1, and VEGF in DPCs detected using RT-PCR. Data are presented as means ± SD of three independent replicates. * $p < 0.05$, ** $p < 0.01$ vs. control group.Index in PubMed under a CC BY license. PMID: 36891275



WECP activated Akt/GSK3beta/beta-Catenin signaling pathway in denuded mouse skin. (A) Effects of WECP and finasteride treatments on Akt and GSK3beta protein phosphorylation in mouse skin. (B) Effects of WECP and finasteride treatments on beta-Catenin and Wnt10 translational expression in mouse skin. (C) Effects of WECP and finasteride treatments on transcriptional expression of beta-Catenin, Wnt10b, Wnt5a, LEF1, VEGF, and IGF1 in mouse skin. Data are means ± SD of three independent replicates. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ vs. control group. WECPL, WECPH, and Fin represent low-dose WECP, high-dose WECP, and finasteride treatment, respectively.Index in PubMed under a CC BY license. PMID: 36891275

Western blot analysis of GSK3 beta (phospho S9) expression in 293T cell lysates, treated with Calyculin A.

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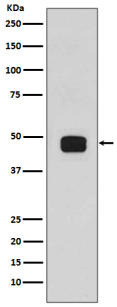


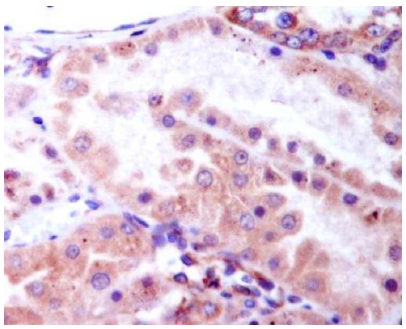

Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-GSK3 beta (Ser9) Antibody.

## 1 Publications Citing This Product

1. PubMed ID: 33069797, Shi R,Liu L,Wang F,He Y,Niu Y,Wang C,Zhang X,Zhang X,Zhang H,Chen M,Wang Y.Downregulation of cytokeratin 18 induces cellular partial EMT and stemness through increasing EpCAM expression in breast cancer.Cell Signal.2020 Dec;76:109810.doi:10.1016/j.cellsig

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