

## Datasheet: AHP2626

**BATCH NUMBER 158019**

|                      |                               |
|----------------------|-------------------------------|
| <b>Description:</b>  | RABBIT ANTI GSK3 BETA (pSer9) |
| <b>Specificity:</b>  | GSK3 BETA (pSer9)             |
| <b>Format:</b>       | Purified                      |
| <b>Product Type:</b> | Polyclonal Antibody           |
| <b>Isotype:</b>      | Polyclonal IgG                |
| <b>Quantity:</b>     | 50 µl                         |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ■   |    |                | 1/200 - 1/500      |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

|                                 |                                                                                                                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>           | Human                                                                                                                                                                              |
| <b>Product Form</b>             | Purified IgG - liquid                                                                                                                                                              |
| <b>Antiserum Preparation</b>    | Antiserum to GSK3 BETA (pSer9) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| <b>Buffer Solution</b>          | Phosphate buffered saline                                                                                                                                                          |
| <b>Preservative Stabilisers</b> | 0.02% Sodium Azide<br>50% Glycerol                                                                                                                                                 |
| <b>Immunogen</b>                | Phospho specific-peptide corresponding to residues surrounding serine 9 of human GSK3 BETA                                                                                         |
| <b>External Database Links</b>  | <b>UniProt:</b><br><a href="http://www.uniprot.org/entry/P49841">P49841</a> <a href="#">Related reagents</a>                                                                       |

**Entrez Gene:**[2932](#) GSK3B [Related reagents](#)

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>                   | <b>Rabbit anti GSK3 Beta (pSer9) antibody</b> recognizes GSK3 beta when phosphorylated at serine 9. GSK3 is a member of the CMGC family of kinases. GSK3 comprises two isoforms, alpha and beta, with 85% total homology and 98% homology between kinase domains. GSK3 beta is phosphorylated at serine 9 by protein kinase A, AKT and ribosomal S6 kinases p90RSK and p70S6K. Phosphorylation of GSK3 beta at serine 9 leads to inactivation of GSK3 alpha. |
| <b>Storage</b>                       | Store at -20°C<br>Storage in frost-free freezers is not recommended.<br>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.                                                                                                                                                                               |
| <b>Guarantee</b>                     | 12 months from date of despatch                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10049 available at:<br><a href="https://www.bio-rad-antibodies.com/SDS/AHP2626">https://www.bio-rad-antibodies.com/SDS/AHP2626</a><br>10049                                                                                                                                                                                                                                                                         |
| <b>Regulatory</b>                    | For research purposes only                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

|                                  |                                                                                                                                         |                  |                                                                                                                                                 |               |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
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|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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