

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</b>	0.02% Sodium Azide
<b>Stabilisers</b>	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> <a href="https://www.uniprot.org/entry/P49841">P49841</a> <a href="#">Related reagents</a>

**Entrez Gene:**

[2932](#) [GSK3B](#) [Related reagents](#)

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<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 Storage in frost-free freezers is not recommended. 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: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2626">https://www.bio-rad-antibodies.com/SDS/AHP2626</a> 10049
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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