

## Datasheet: VPA00205

<b>Description:</b>	RABBIT ANTI GSK3 ALPHA
<b>Specificity:</b>	GSK3 ALPHA
<b>Other names:</b>	GSK3A
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 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	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit Ig fraction prepared by ammonium sulphate precipitation.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	KLH conjugated synthetic peptide between 76-105 amino acids from the N-terminal region of human GSK3 alpha

**External Database  
Links**

**UniProt:**

[P49840](#)   [Related reagents](#)

**Entrez Gene:**

[2931](#)   GSK3A   [Related reagents](#)

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**Specificity**

**Rabbit anti Human GSK3 alpha antibody** recognizes glycogen synthase kinase-3 (GSK3) alpha, also known as serine/threonine-protein kinase GSK3A.

Encoded by the GSK3A gene, GSK3 alpha encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease (provided by RefSeq, Oct 2011).

Rabbit anti Human GSK3 alpha antibody detects a band of 51 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti GSK3 alpha detects a band of approximately 51 kDa in HEK293 cell lysates.

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch.

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10040 available at:  
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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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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