

Datasheet: VPA00205

BATCH NUMBER 151204

Description:	RABBIT ANTI GSK3 ALPHA
Specificity:	GSK3 ALPHA
Other names:	GSK3A
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	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](#)

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.

Western Blotting

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

Storage

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

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00205>
Antibody (10040)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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