

Datasheet: VPA00205

Description:	RABBIT ANTI GSK3 ALPHA
Specificity:	GSK3 ALPHA
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant 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)
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
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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