

Datasheet: VPA00063

**BATCH NUMBER 190914**

<b>Description:</b>	GOAT ANTI PLK3
<b>Specificity:</b>	PLK3
<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>	Goat polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> ) 0.5% Bovine Serum Albumin
<b>Immunogen</b>	Peptide with sequence PDRLPISSCVTPD from the internal region of the protein sequence.

### External Database Links

#### UniProt:

[Q9H4B4](#)

[Related reagents](#)

**Entrez Gene:**

[1263](#) [PLK3](#) [Related reagents](#)

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**Synonyms** CNK, FNK, PRK

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**Specificity** **Goat anti Human PLK3 antibody** recognizes polo-like kinase 3 (PLK3) a putative serine/threonine kinase. PLK3 contains conserved serine threonine kinase and polo box domains as well as a predicted nuclear localization signal.

PLK3 appears to play a role in cellular proliferation as evidenced by the fact that the level of PLK3 protein is cell cycle regulated ([Zimmerman and Erikson, 2007](#)).

Goat anti Human PLK3 antibody detects PLK3 as a single band of 80 kDa in a range of human cell lysates.

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**Western Blotting** Goat anti PLK3 detects a band of approximately 80 kDa in MCF7 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 #10058 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00063>  
Antibody (10058)

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [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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