

Datasheet: AHP2997

BATCH NUMBER 153408

Description:	RABBIT ANTI AKT3
Specificity:	AKT3
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/2000

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.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to AKT3 was raised by repeated immunization of rabbits with highly purified antigen
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide 50% Glycerol
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 93-154 of human AKT3 (NP_859029.1)
External Database Links	UniProt: Q9Y243 Related reagents

Entrez Gene:[10000](#) [AKT3](#) [Related reagents](#)

Synonyms	PKBG
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Specificity	Rabbit anti AKT3 antibody recognises RAC-gamma serine/threonine-protein kinase, also known as PKB gamma, RAC-gamma, and STK-2. It plays a critical role in the AKT signalling pathway, and belongs to the AGC subfamily of protein kinases. AKT3 is involved in metabolism, cell survival, angiogenesis, and tumor formation (Baselga and Scaltriti. 2016). It is stimulated by insulin (Barthel et al. 1998), PDGF, and IGF1 (Sandirasegarane and Kester. 2001). AKT3 is a critical regulator of the growth of triple negative breast cancers (Chin et al. 2014).
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Storage	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.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2997 10049
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Regulatory	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](#)

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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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