

## Datasheet: AHP2619

<b>Description:</b>	RABBIT ANTI FOXO3A (pSer253)
<b>Specificity:</b>	FOXO3A (pSer253)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/1000

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

### Species Cross Reactivity

Based on sequence similarity, is expected to react with: Mouse, Rat  
**N.B.** Antibody reactivity and working conditions may vary between species.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antiserum to FOXO3A (pSer253) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

### Preservative

0.02% Sodium Azide

### Stabilisers

50% Glycerol

### Immunogen

Phospho specific-peptide corresponding to residues surrounding serine 253 of human FOXO3A

### External Database Links

#### UniProt:

[O43524](#) [Related reagents](#)

#### Entrez Gene:

[2309](#) FOXO3 [Related reagents](#)

### Synonyms

FKHRL1, FOXO3A

**Specificity** **Rabbit anti FOXO3A (pSer253) antibody** recognizes FOXO3A, when phosphorylated at serine 253. FOXO3A is a member of the forkhead family of transcription factors. Residue 253 of FOXO3A is phosphorylated by a number of kinases including AKT. Phosphorylation of FOXO3A at serine 253 results in decreased transcriptional activity and export of FOXO3A from the nucleus.

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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:  
10049: <https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf>

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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](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),  
[DyLight@680](#), [DyLight@800](#)  
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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