

## Datasheet: AHP2245

|                      |                     |
|----------------------|---------------------|
| <b>Description:</b>  | RABBIT ANTI FOXO3A  |
| <b>Specificity:</b>  | FOXO3A              |
| <b>Format:</b>       | Purified            |
| <b>Product Type:</b> | Polyclonal Antibody |
| <b>Isotype:</b>      | Polyclonal IgG      |
| <b>Quantity:</b>     | 0.1 mg              |

### 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 |
|--------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen | ▪   |    |                | 4ug/ml             |
| ELISA                    | ▪   |    |                |                    |
| Western Blotting         | ▪   |    |                | 0.5-1ug/ml         |

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

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### Product Form

Purified IgG - liquid

#### Preparation

Antisera to Human FOXO3A were raised by repeated immunisation of Rabbits with highly purified antigen Purified IgG prepared from whole serum by affinity chromatography

#### Buffer Solution

Phosphate buffered saline.

#### Preservative Stabilisers

0.02% Sodium Azide (NaN<sub>3</sub>)

|  |   |
|--|---|
| <b>Approx. Protein Concentrations</b>    | IgG concentration 1.0mg/ml  |
| <b>Immunogen</b>                         | A synthetic peptide corresponding to 18 amino acid sequence from near the amino terminus of human FOXO3A.   |
| <b>External Database Links</b>           | <p><b>UniProt:</b><br/> <a href="#">O43524</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">2309</a> FOXO3    <a href="#">Related reagents</a></p>   |
| <b>Synonyms</b>                          | FKHRL1, FOXO3A  |
| <b>RRID</b>                              | AB_10896839   |
| <b>Specificity</b>                       | <p><b>Rabbit anti FOXO3A antibody</b> recognizes human forkhead box, also known as O3A FOXO3A, FKHLR1 and FOXO3, a ~95 kDa member of the forkhead family of transcription factors. FOXO3A is ubiquitously expressed and is an important regulator of apoptosis and the cell cycle.</p> <p>FOXO3A triggers apoptosis by inducing the expression of genes necessary for cell death.</p>               |
| <b>ELISA</b>                             | This product is suitable for use in indirect ELISA applications.  |
| <b>Histology Positive Control Tissue</b> | A-20 cells  |
| <b>Western Blotting</b>                  | AHP2245 detects a band of approximately 96 kDa in A-20 cell lysates.  |
| <b>Storage</b>                           | <p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p> |
| <b>Guarantee</b>                         | 12 months from date of despatch   |
| <b>Health And Safety Information</b>     | Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>   |
| <b>Regulatory</b>                        | For research purposes only  |

## 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](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

## Recommended Useful Reagents

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

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
| <b>North &amp; South America</b> | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a> | <b>Worldwide</b> | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a> | <b>Europe</b> | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a> |
|----------------------------------|---|------------------|---|---------------|---|

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M390268:210825'

Printed on 29 Aug 2021

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