

## Datasheet: AHP2101

<b>Description:</b>	RABBIT ANTI FOXO3A
<b>Specificity:</b>	FOXO3A
<b>Other names:</b>	Forkhead box protein O3
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			10ug/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			2 - 4ug/ml
Immunofluorescence			▪	
Functional Assays			▪	

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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Based on sequence similarity, is expected to react with: Bovine, Xenopus, Rat, Monkey, Chicken, Dog, Mouse <b>N.B.</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.
<b>Product Form</b>	Purified IgG - liquid

**Antiserum Preparation** Antisera to FOXO3A were raised by repeated immunisation of rabbits with highly purified

antigen. Purified IgG prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> ) 0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	Total protein concentration 0.5mg/ml
<b>Immunogen</b>	Synthetic peptide corresponding to a portion of the amino acid sequence between 600-673 of human FOXO3A – KLH conjugated.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">O43524</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">2309</a> FOXO3 <a href="#">Related reagents</a>
<b>Synonyms</b>	FKHRL1, FOXO3A
<b>RRID</b>	AB_2263010
<b>Specificity</b>	<p><b>Rabbit anti FOXO3A antibody</b> recognises human forkhead box O3A (FOXO3A), also known as FKHLR1 and FOXO3, a ~95 kDa member of the forkhead family of transcription factors.</p> <p>FOXO3A is ubiquitously expressed and is an important regulator of apoptosis and the cell cycle. FOXO3A triggers apoptosis by inducing the expression of genes necessary for cell death.</p>
<b>Immunohistology</b>	This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
<b>Histology Positive Control Tissue</b>	Human skin
<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</b>	Material Safety Datasheet documentation #10041 available at:

**Information** <https://www.bio-rad-antibodies.com/SDS/AHP210110041>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR54...) [HRP](#)

### Recommended Useful Reagents

[10x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025B\)](#)

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

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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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