

Datasheet: AHP2101

Description:	RABBIT ANTI FOXO3A
Specificity:	FOXO3A
Other names:	Forkhead box protein O3
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Human

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Bovine, Xenopus, Rat, Monkey, Chicken, Dog, Mouse

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

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.

Buffer Solution	Phosphate buffered saline
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Preservative	0.05% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin

Approx. Protein Concentrations	Total protein concentration 0.5mg/ml
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Immunogen	Synthetic peptide corresponding to a portion of the amino acid sequence between 600-673 of human FOXO3A – KLH conjugated.
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External Database Links	UniProt: O43524 Related reagents Entrez Gene: 2309 FOXO3 Related reagents
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Synonyms	FKHRL1, FOXO3A
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RRID	AB_2263010
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Specificity	<p>Rabbit anti FOXO3A antibody 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>
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Immunohistology	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.
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Histology Positive Control Tissue	Human skin
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Storage	Store at +4°C or at -20°C if preferred. 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 #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
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Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000A\)](#)

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

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

[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

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