

Datasheet: AHP1079

Description:	GOAT ANTI FOXO3A (C-TERMINAL)
Specificity:	FOXO3A (C-TERMINAL)
Other names:	FKHRL1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/32,000
Immunoprecipitation			▪	
Western Blotting	▪			0.5 - 2.0ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody 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, Dog, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to human FOXO3A (CT) were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide sequence C-GAKQASSQSWVPG corresponding to the C-terminal region of FOXO3A (NP_001446.1; NP_963853.1).

**External Database
Links**

UniProt:

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

Entrez Gene:

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

Synonyms

FKHRL1, FOXO3A

Specificity

Goat anti Human FOXO3A antibody recognises human forkhead box O3A (FOXO3A), also known as FKHLR1. FOXO3A is 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. FOXO3A triggers apoptosis by inducing the expression of genes necessary for cell death. In association with RUNX3, FOXO3A is involved in the induction of Bim expression and apoptosis.

Translocation t(6;11)(q21;q23) of FOXO3A with the mixed-lineage leukaemia gene is associated with secondary acute leukaemia.

Western Blotting

AHP1079 detects a band of approximately 95kDa in human heart and brain cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.

References

1. Dijkers, P.F. *et al.* (2002) FKHLR-1 can act as a critical effector of cell death induced by cytokine withdrawal: protein kinase B-enhanced cell survival through maintenance of mitochondrial integrity. [J Cell Biol. 156 \(3\): 531-42.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10058 available at:
10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**North & South
America**

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M313611:180328'

Printed on 01 May 2018
