

Datasheet: AHP697

Description:	GOAT ANTI HUMAN ARFGAP3
Specificity:	ARFGAP3
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			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1ug/ml - 3ug/ml

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: 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 ARFGAP3 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 Stabilisers	<0.1% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Synthetic peptide NGVVTSIQDRYGS derived from C terminus of ARFGAP3 protein.
External Database Links	<p>UniProt: Q9NP61 Related reagents</p> <p>Entrez Gene: 26286 ARFGAP3 Related reagents</p>
Synonyms	ARFGAP1
RRID	AB_2058626
Specificity	<p>Goat anti ARFGAP3 recognises ARFGAP3 (ADP - ribosylation factor GTPase activating protein 3), originally described as ARFGAP1.</p> <p>ARFGAP3 is thought to promote hydrolysis of ARF1 bound GTP, which is required for the dissociation of coat proteins from Golgi derived membranes and vesicles.</p> <p>ARFGAP3 is widely expressed, being found at high levels in endocrine glands and testis (Zheng et al. 2000).</p>
Western Blotting	AHP697 detects a band of approximately 55-60kDa in mouse brain cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.
References	<ol style="list-style-type: none"> Liu, X. <i>et al.</i> (2001) Functional characterization of novel human ARFGAP3. FEBS Lett. 490 (1-2): 79-83. Zhang, C. <i>et al.</i> (2000) Characterization, chromosomal assignment, and tissue expression of a novel human gene belonging to the ARF GAP family. Genomics. 63 (3): 400-8.
Storage	<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>
Guarantee	12 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

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

America 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

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

'M397146:220616'

Printed on 07 Feb 2023
