

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.
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	0.02% Sodium Azide
Stabilisers	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**

UniProt:

[Q9NP61](#) [Related reagents](#)

Entrez Gene:

[26286](#) ARFGAP3 [Related reagents](#)

Synonyms

ARFGAP1

Specificity

Goat anti ARFGAP3 recognises ARFGAP3 (ADP - ribosylation factor GTPase activating protein 3), originally described as ARFGAP1.

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.

ARFGAP3 is widely expressed, being found at high levels in endocrine glands and testis ([Zheng et al. 2000](#)).

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

1. Liu, X. *et al.* (2001) Functional characterization of novel human ARFGAP3. [FEBS Lett. 490 \(1-2\): 79-83.](#)
2. Zhang, C. *et al.* (2000) Characterization, chromosomal assignment, and tissue expression of a novel human gene belonging to the ARF GAP family. [Genomics. 63 \(3\): 400-8.](#)

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](#)

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