

Datasheet: AHP1896

Description:	GOAT ANTI HUMAN APOLIPOPROTEIN L1 (C-TERMINAL)
Specificity:	APOLIPOPROTEIN L1 (C-TERMINAL)
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	▪			1/8000
Immunoprecipitation			▪	
Western Blotting	▪			1.0 - 3.0ug/ml

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
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human APOL1 (CT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml

Immunogen Synthetic peptide C-NNNYKILQADQE from within the C-Terminal region of human APOL1 (NP_003652.2; NP_663318.1).

External Database Links

UniProt:

[O14791](#) [Related reagents](#)

Entrez Gene:

[8542](#) APOL1 [Related reagents](#)

Synonyms APOL

RRID AB_2058404

Specificity

Goat anti Human apolipoprotein L1 antibody recognises an epitope within the C-Terminal (CT) region of human Apolipoprotein L1 (APOL1), a secreted high density lipoprotein and member of the apolipoprotein L family, which interacts with apolipoprotein A-I (APOA1) in plasma.

Two isoforms of APOL1 have been identified, which may play a role in lipid exchange and transport throughout the body, and possibly in the reverse transport of cholesterol from peripheral cells to the liver.

Goat anti Human apolipoprotein L1 is expected to recognise both reported isoforms of human APOL1.

Western Blotting

AHP1896 detects a band of approximately 45kDa in human brain (frontal cortex) cell lysates

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10058 available at: <https://www.bio-rad-antibodies.com/SDS/AHP1896>
10058

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

Europe Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

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

'M428170:240301'

Printed on 01 Mar 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)