

Datasheet: AHP2129

Description:	GOAT ANTI HUMAN CLUSTERIN (C-TERMINAL)
Specificity:	CLUSTERIN (C-TERMINAL)
Other names:	APOLIPOPROTEIN J
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	■			1/32000
Immunoprecipitation			■	
Western Blotting	■			0.3 - 1.0ug/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
Species Cross Reactivity	Based on sequence similarity, is expected to react with: Dog N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human clusterin (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 Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Synthetic peptide sequence C-EKALQEYRKKHREE from the C-Terminal region of clusterin

**External Database
Links**

UniProt:

[P10909](#) [Related reagents](#)

Entrez Gene:

[1191](#) CLU [Related reagents](#)

Synonyms

APOJ, CLI, KUB1

Specificity

Goat anti Human clusterin antibody recognizes an epitope within the C-terminal (CT) region of human clusterin, otherwise known as Apolipoprotein J, a ubiquitously expressed glycoprotein and member of the clusterin family, implicated in apoptosis (programmed cell death), cell-cell adhesion, DNA repair, membrane recycling, spermatogenesis, and the inhibition of complement-mediated cell lysis.

Clusterin is a component of the SC5b-9 complex which plays a role in inhibiting the complement cascade, through the prevention of the binding of a C5b-C7 complex to the membrane of the target cell. Clusterin exists as both a pro-apoptotic form localised to the nucleus, and a pro-survival secreted form, and has been detected at elevated levels in Alzheimer's disease, atherosclerosis, myocardial infarction, and various cancers, including bladder, prostate, and breast tumours.

Western Blotting

AHP2129 detects a band of approximately 35-37kDa in human colon, kidney and prostate cell lysates.

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.

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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