

Datasheet: AHP2129

**BATCH NUMBER 161011**

<b>Description:</b>	GOAT ANTI HUMAN CLUSTERIN (C-TERMINAL)
<b>Specificity:</b>	CLUSTERIN (C-TERMINAL)
<b>Other names:</b>	APOLIPOPROTEIN J
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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. 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

Antiserum to human clusterin (CT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Synthetic peptide sequence C-EKALQEYRKKHREE from the C-Terminal region of clusterin (NP_001822.2; NP_976084.1).
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P10909</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1191</a>    CLU    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	APOJ, CLI, KUB1
<b>RRID</b>	AB_2083460
<b>Specificity</b>	<p><b>Goat anti Human clusterin antibody</b> 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.</p> <p>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.</p>
<b>Western Blotting</b>	AHP2129 detects a band of approximately 35-37kDa in human colon, kidney and prostate cell lysates.
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10058 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/AHP2129">https://www.bio-rad-antibodies.com/SDS/AHP2129</a>  10058</p>

## Related Products

### Recommended Secondary Antibodies

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

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