

## Datasheet: AHP516

<b>Description:</b>	GOAT ANTI CALRETICULIN
<b>Specificity:</b>	CALRETICULIN
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## 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	▪			1/50 - 1/70
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation		▪		
Western Blotting	▪			1/300 - 1/500

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.

### Species Cross Reactivity

Reacts with: Mouse, Rabbit, Human, Rat

**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

Serum - liquid

### Antiserum Preparation

Antisera to calreticulin were raised by repeated immunisation of goats with highly purified antigen.

### Buffer Solution

Glycine buffered saline

### Preservative Stabilisers

<0.1% Sodium Azide (NaN<sub>3</sub>)

**Immunogen** Purified rabbit skeletal muscle calreticulin.

**External Database  
Links**

**UniProt:**

[P15253](#)   [Related reagents](#)

**Entrez Gene:**

[100009050](#)   CALR   [Related reagents](#)

**RRID** AB\_2069799

**Specificity** **Goat anti calreticulin antibody** recognises calreticulin, a 418 aminoacid ~60 kDa Ca<sup>2+</sup> binding chaperone involved in protein modification and folding within the endoplasmic reticulum (UniProt: P15253).

**References**

1. Milner, R.E. *et al.* (1991) Calreticulin, and not calsequestrin, is the major calcium binding protein of smooth muscle sarcoplasmic reticulum and liver endoplasmic reticulum. [J Biol Chem. 266 \(11\): 7155-65.](#)
2. Michalak, M. *et al.* (1991) Identification and immunolocalization of calreticulin in pancreatic cells: no evidence for "calciosomes". [Exp Cell Res. 197 \(1\): 91-9.](#)
3. Santer, D.M. *et al.* (2010) C1q deficiency leads to the defective suppression of IFN- $\alpha$  in response to nucleoprotein containing immune complexes. [J Immunol. 185 \(8\): 4738-49.](#)

**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 #10086 available at:  
10086: <https://www.bio-rad-antibodies.com/uploads/MSDS/10086.pdf>

**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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

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