

Datasheet: AHP516

Description:	GOAT ANTI CALRETICULIN
Specificity:	CALRETICULIN
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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

0.09% Sodium Azide

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 amino acid ~60 kDa Ca²⁺ 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- α in response to nucleoprotein containing immune complexes. [J Immunol. 185 \(8\): 4738-49.](#)

Storage Store at +4°C or at -20°C if preferred.

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.

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

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