

Datasheet: AHP1084

Description:	GOAT ANTI TOXOPLASMA GONDII
Specificity:	TOXOPLASMA GONDII
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			

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	Protozoan
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to <i>Toxoplasma gondii</i> were raised by repeated immunisations of goat with highly purified antigen.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	RH strain of <i>Toxoplasma gondii</i> .

Specificity **Goat anti *Toxoplasma gondii* antibody** recognizes *Toxoplasma gondii*, an intracellular protozoan parasite that enters its host via the gastrointestinal tract. Goat anti *Toxoplasma gondii* antibody detects the virulent RH strain and is specific for the tachyzoites infectious stage in the *T. gondii* life

cycle.

Felids are the definitive host of *T. gondii* but it can also be carried by a vast number of warm-blooded animals, including humans. Toxoplasmosis is usually minor and self-limiting but can have serious or even fatal effects on a fetus, or if the host is immunocompromised. *T. gondii* encephalitis (TE) is the most common cerebral opportunistic infection in patients with AIDS (Israelski *et al.* 1988).

References

1. Buzoni-gatel, D. & Werts, C. (2006) *Toxoplasma gondii* and subversion of the immune system. [Trends Parasitol. 22 \(10\): 448-52.](#)
2. Sensini, A. (2006) *Toxoplasma gondii* infection in pregnancy: opportunities and pitfalls of serological diagnosis. [Clin Microbiol Infect. 12 \(6\): 504-12.](#)

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 available at:
Material Safety Datasheet Documentation #10040 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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

America

Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M294312:160929'

Printed on 06 Mar 2018