

Datasheet: AHP1084

**BATCH NUMBER 156120**

<b>Description:</b>	GOAT ANTI TOXOPLASMA GONDII
<b>Specificity:</b>	TOXOPLASMA GONDII
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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			▪	
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 *Toxoplasma gondii* were raised by repeated immunisations of goat with highly purified antigen.

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.09% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein** IgG concentration 1.0mg/ml

## Concentrations

**Immunogen** RH strain of *Toxoplasma gondii*.

**RRID** AB\_770152

**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.

**Guarantee** 12 months from date of despatch

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP1084>  
10040

**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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