

Datasheet: 9070-0606

Description:	RABBIT ANTI TOXOPLASMA GONDII:Biotin
Specificity:	TOXOPLASMA GONDII RH STRAIN
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/1000

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 the appropriate negative/positive controls.

Target Species	Protozoan
Product Form	Purified Ig conjugated to Biotin - liquid
Preparation	Purified Ig prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Ig concentration 4.0 mg/ml
Immunogen	<i>Toxoplasma gondii</i> RH strain.
Specificity	Rabbit anti <i>Toxoplasma gondii</i> RH Strain antibody recognizes purified <i>Toxoplasma gondii</i> trophozoites.

T. gondii is an intracellular protozoan parasite that enters its host via the gastrointestinal tract, and is the only member of the *Toxoplasma* genus. The definitive host of *T. gondii* is cats, 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.

References

1. Parussini, F. *et al.* (2012) Intramembrane proteolysis of *Toxoplasma* apical membrane antigen 1 facilitates host-cell invasion but is dispensable for replication. [Proc Natl Acad Sci U S A. 109 \(19\): 7463-8.](#)
2. Odell, A.V. *et al.* (2015) Yeast Three-Hybrid Screen Identifies TgBRADIN/GRA24 as a Negative Regulator of *Toxoplasma gondii* Bradyzoite Differentiation. [PLoS One. 10 \(3\): e0120331.](#)
3. Passeri, E. *et al.* (2016) Infection and characterization of *Toxoplasma gondii* in human induced neurons from patients with brain disorders and healthy controls. [Microbes Infect. 18 \(2\): 153-8.](#)

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

Regulatory

For research purposes only

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