

Datasheet: 9070-0556

BATCH NUMBER 146182

Description:	RABBIT ANTI TOXOPLASMA GONDII RH STRAIN
Specificity:	TOXOPLASMA GONDII RH STRAIN
Format:	Purified
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	■			

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 IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 4.0 mg/ml
Immunogen	<i>Toxoplasma gondii</i> RH strain.
RRID	AB_620718

Specificity	<p>Rabbit anti <i>Toxoplasma gondii</i> RH Strain antibody recognizes purified <i>Toxoplasma gondii</i> trophozoites.</p> <p><i>T. gondii</i> is an intracellular protozoan parasite that enters its host via the gastrointestinal tract, and is the only member of the <i>Toxoplasma</i> genus. The definitive host of <i>T. gondii</i> 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. <i>T. gondii</i> encephalitis (TE) is the most common cerebral opportunistic infection in patients with AIDS.</p>
References	<ol style="list-style-type: none"> 1. Parussini, F. <i>et al.</i> (2012) Intramembrane proteolysis of <i>Toxoplasma</i> 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. <i>et al.</i> (2015) Yeast Three-Hybrid Screen Identifies TgBRADIN/GRA24 as a Negative Regulator of <i>Toxoplasma gondii</i> Bradyzoite Differentiation. PLoS One. 10 (3): e0120331. 3. Passeri, E. <i>et al.</i> (2016) Infection and characterization of <i>Toxoplasma gondii</i> in human induced neurons from patients with brain disorders and healthy controls. Microbes Infect. 18 (2): 153-8.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/9070-0556</p> <p>10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [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)
 'M363552:200528'

