**Toxoplasma Gondii**  
**Rabbit Polyclonal Antibody**  
Cat. #RB-9423-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200µg/ml) (Purified Ab with BSA and Azide)  
Cat. #RB-9423-R7 (7.0ml) (Ready-to-Use for Immunohistochemical Staining)

**Description:** Toxoplasma is a crescent shaped sporozoan that lives as an intracellular parasite in various tissues of vertebrates and completes its life cycle in a single host. It is transmitted via raw/undercooked meat, contaminated soil, or by direct contact. Infection due to Toxoplasma gondii usually occurs in pregnant women where a variable degree of immunosuppression may exist or in patients receiving immunosuppressive drug therapy following organ transplant. Toxoplasma infects tissue of the GI tract where an active infection is accompanied by fever and enlargement of the spleen. Symptoms of toxoplasmosis are generally mild but severe infection of lymph nodes may occur. Congenital toxoplasmosis, in which the maternal infection is transmitted during pregnancy, can produce blindness or mental retardation in the newborn.

**Species Reactivity:** Human. Others not tested.

**Immunogen:** Toxoplasma gondii

**Applications and Suggested Dilutions:**
- Immunohistology (Formalin/paraffin)  
  (Ab at 1:50 to 1:100 for 30 min with LV’s Ultra Vision)  
* [Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.]

The optimal dilution for a specific application should be determined by the investigator.

**Positive Control:** Infected brain tissue

**Cellular Localization:** Whole Organism

**Supplied As:** Antibody fraction purified from rabbit anti-serum. Prepared in 10mM PBS, pH 7.6, with 0.2% BSA and 15mM sodium azide.  
or  
Prediluted antibody which is ready-to-use for immunohistochemical staining.

**Storage and Stability:**  
Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

**Limitations and Warranty:**  
Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. NeoMarkers is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

**Material Safety Data:**
This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

*For Research Use Only*