

# Toxoplasma gondii (Poly)

## Rabbit Polyclonal Antibody

**Host:** Rabbit  
**Specificity:** Human  
**Immunogen:** Toxoplasma gondii  
**Ig Class:** IgG  
**Storage:** Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

**Specifications:** Toxoplasma gondii (Poly) Rabbit Polyclonal primary antibody detects Toxoplasma gondii protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining. Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:10-30. Positive Control: sample known to contain Toxoplasma gondii protein.  
**Localization:** Organisms.

**Intended Use:** Research Use Only (RUO). This antibody is not for diagnostic use.

**Description:** Toxoplasma gondii, a single-celled parasite, causes the disease toxoplasmosis. The life cycle of Toxoplasma gondii includes two phases: the intestinal (or enteroepithelial) and extraintestinal phases. The intestinal phase produces oocysts and occurs only in wild and domesticated cats. The extra-intestinal phase occurs in all infected animals and produces tachyzoites (actively proliferating trophozoites) and, eventually, bradyzoites (slowly growing trophozoites) or zoitocysts. Toxoplasma gondii infects tissue of the gastrointestinal tract, brain and lung in immunocompromised patients.

**Supplied As:** Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

### References:

1. Tsai MM et al: Mod Pathol. 1993;6(2):185-8.
2. Hofman V et al: Am J Clin Pathol. 2003; 120(4):567-7



**Z2556RL-R/ Z2556RS-R/ Z2556RT-R/ Z2556RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)**



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(research  
use only)



(lot number)



(catalogue  
number)



(expiry date)



(temperature  
limit)



(consult  
Instructions  
for Use)