

# Toxoplasma gondii (Poly)

## Rabbit Polyclonal Antibody

**Specificity:** Humans

**Immunogen:** Toxoplasma gondii

**Ig Class:** IgG

**Storage:** Store at 2-8°C for up to 2 years for concentrate form and 1 year for predilute form

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:10-30. *Positive Control:* Toxoplasma gondii infected tissue. *Localization:* Organisms. *Intended Use:* Analyte Specific Reagent (ASR).

**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 extra intestinal 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.

**Intended Use:** This antibody is intended for Analyte Specific Reagent (ASR). Toxoplasma gondii (Poly) rabbit polyclonal primary antibody is intended for laboratory use in the detection of Toxoplasma gondii in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

**Supplied As:** Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

### 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.

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