

Product datasheet for **TA396656**

Goat Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | IF, WB |
| Recommended Dilution: | WB: >1:10,000 IF: 1:500 - 1:2,500 FLISA: >1:20,000 |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Glutathione-S-Transferase (Schistosoma japonicum) |
| Specificity: | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-Goat Serum, and purified and partially purified Glutathione-S-Transferase (Schistosoma japonicum). |
| Formulation: | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Method: | Restore with deionized water (or equivalent) - Reconstitution Volume: 2.0 mL |
| Concentration: | 10.0 mg/mL - lot specific |
| Conjugation: | FITC |
| Storage: | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| Stability: | Expiration date is one (1) year from date of receipt. |



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- Background:** Rockland produces a wide range of GST antibodies in our laboratories. Select GST antibodies from several monoclonal and/or polyclonal GST antibodies listed below. Select appropriate GST antibodies for your research by isotype, epitope, applications and species reactivity. GST (Glutathione-S-Transferase) is a protein expression tag commonly used in molecular biology. Anti-GST will react with synthetic construct present in most known GST containing cloning or expression vectors. GST is responsible for the conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. The amino acid sequence GST is highly conserved in most organisms including mammals. GST exists as a 26 kDa homodimer.
- Synonyms:** goat anti-GST Antibody FITC Conjugation, Fluorescein Conjugated goat anti-GST Antibody, GST, Glutathione-S-Transferase, FITC
- Note:** This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.