

Product datasheet for **TA398273**

Goat Polyclonal Antibody

Product data:

| | |
|------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, IHC, WB |
| Recommended Dilution: | WB: 1:2,000 - 1:20,000 IHC: 1:1,000 - 1:5,000 ELISA: 1:340,000 |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Biotin conjugated to Keyhole Limpet Hemocyanin (KLH) |
| Specificity: | Fab Biotin antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum. No reaction was observed against anti-Papain or anti-Goat IgG F(c). |
| Formulation: | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Method: | Restore with deionized water (or equivalent) - Reconstitution Volume: 1.0 mL |
| Concentration: | 1.0 mg/mL - lot specific |
| Conjugation: | HRP |
| 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. |
| Background: | Fab Biotin antibody recognizes Biotin. Biotin, also known as vitamin H or coenzyme R, is a water-soluble B-vitamin (vitamin B7). It is composed of a ureido (tetrahydroimidazole) ring fused with a tetrahydrothiophene ring. A valeric acid substituent is attached to one of the carbon atoms of the tetrahydrothiophene ring. Biotin is a coenzyme for carboxylase enzymes, involved in the synthesis of fatty acids, isoleucine, and valine, and in gluconeogenesis. |
| Synonyms: | Goat Fab Anti-Biotin Antibody Peroxidase Conjugation, Goat Fab Anti-Biotin HRP Conjugated Antibody |



[View online »](#)

Note: Fab Anti-Biotin Antibody Peroxidase Conjugated is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Specific conditions for reactivity should be optimized by the end user.