

## Product datasheet for **TA398271**

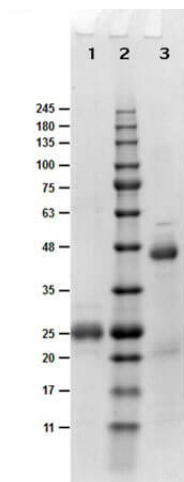
### Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>WB:</b> User Optimized <b>IHC:</b> User Optimized <b>ELISA:</b> 1:5,000
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Biotin conjugated to Keyhole Limpet Hemocyanin (KLH)
Specificity:	Fab fragment of Anti-Biotin antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to sepharose beads followed by papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against 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
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Biotin
Storage:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
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 (tetrahydroimidizalone) 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, Goat Fab Fragment Anti-Biotin Antibody
Note:	Fab Anti-Biotin Antibody has been tested by ELISA and dot blot. Specific conditions for reactivity should be optimized by the end user.



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**Product images:**

SDS-PAGE results of Goat Fab Anti-Biotin Antibody. Lane 1: reduced Goat Fab Anti-Biotin. Lane 2: Opal PreStained Molecular Weight Ladder (p/n MB-210-0500). Lane 3: non-reduced Goat Fab Anti-Biotin. Load: 1µg. 4-20% Gel, Coomassie Blue Stained.