

## Product datasheet for **TA397013S**

### KT13 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	<b>WB:</b> 1:250
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Trypsin Inhibitor [Lima Bean]
Specificity:	Trypsin Inhibitor 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-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Trypsin Inhibitor [Lima Bean]. Cross reactivity against Trypsin Inhibitor from other tissues and species may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
Storage:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<a href="#">P01070</a>
Background:	Trypsin Inhibitors are chemicals that reduce the availability of biologically active trypsin, an enzyme essential to nutrition of many animals, including humans. Tumor Associated Trypsin Inhibitor (TATI) has been used as a marker for various carcinomas and useful in cancer diagnosis.



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**Synonyms:** rabbit anti-trypsin inhibitor antibody HRP conjugation, peroxidase conjugated rabbit anti-trypsin inhibitor antibody, 25 kDa trypsin inhibitor (Protease inhibitor 15 preproprotein) antibody, CRISP8 antibody, KTi antibody, Kti S antibody, KTi3 antibody, KtiS antibody, Kunitz trypsin inhibitor antibody, Kunitz type trypsin inhibitor A antibody

**Note:** Anti-Trypsin Inhibitor Peroxidase Conjugated Antibody has been tested by Dot blot and is suitable to be assayed against 1.0 ug of Trypsin Inhibitor [Lima Bean] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.

### Product images:



Dot Blot Results of Rabbit Anti-Trypsin Inhibitor Antibody Peroxidase Conjugated. Trypsin Inhibitor (1) 100ng, (2) 33.33ng, (3) 11.11ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: Anti-Trypsin Inhibitor HRP at 1.0µg/mL for 1hr at RT. Secondary Antibody: none. Blocking Buffer: BlockOut Buffer (p/n MB-073) for 30mins at RT. Exposure: 0.25sec.