

**Anti-TRYPSIN INHIBITOR (RABBIT) Antibody Biotin Conjugated**  
**Trypsin Inhibitor Antibody Biotin Conjugated**  
**Catalog # ASR4763****Specification****Anti-TRYPSIN INHIBITOR (RABBIT) Antibody Biotin Conjugated - Product Information**

Host	Rabbit
Conjugate	Biotin
Target Species	Soy Bean
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Trypsin Inhibitor Biotin Conjugated antibody has been tested by ELISA and western blotting. Researchers should determine optimal titers for applications that are not stated below.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Anti-Trypsin Inhibitor was produced by repeated immunizations with soy bean trypsin inhibitor.
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

**Anti-TRYPSIN INHIBITOR (RABBIT) Antibody Biotin Conjugated - Additional Information****Gene ID** 547831**Other Names**  
547831**Purity**

Anti-Trypsin Inhibitor antibody is an IgG fraction 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-Biotin, anti-Rabbit Serum as well as purified and partially purified Trypsin Inhibitor [Soy Bean]. Cross reactivity against Trypsin Inhibitor from other sources is unknown.

**Storage Condition**

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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-TRYPSIN INHIBITOR (RABBIT) Antibody Biotin Conjugated - Protein Information**

**Name** KT13

**Function**

Inhibition of trypsin.

**Anti-TRYPSIN INHIBITOR (RABBIT) Antibody Biotin Conjugated - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-TRYPSIN INHIBITOR (RABBIT) Antibody Biotin Conjugated - Images****Anti-TRYPSIN INHIBITOR (RABBIT) Antibody Biotin Conjugated - Background**

Anti-Trypsin Inhibitor detects trypsin inhibitor from soy bean. Soybean trypsin inhibitor inhibits trypsin and to a lesser extent chymotrypsin and plasmin. Soybean trypsin inhibitor will also inhibit other proteases by a mechanism similar to trypsin. It has inhibitory effects towards plasma kallikrein and coagulation Factor Xa. However, Soybean trypsin inhibitor will not inhibit metalloproteases, tissue-based kallikrein, acid proteases, or thio proteases. Anti-Trypsin Inhibitor Antibody is ideal for investigators involved in Cell Signaling, Biochemistry and Signal Transduction research.