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# anti-Trypsin Inhibitor antibody (Biotin)



Image



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Quantity:	100 μg	
Target:	Trypsin Inhibitor	
Reactivity:	Soybean	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Trypsin Inhibitor antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	Anti-Trypsin Inhibitor was produced by repeated immunizations with soy bean trypsin inhibitor.	
	Immunogen Type: Native Protein	
Isotype:	IgG	
Cross-Reactivity (Details):	Cross reactivity against Trypsin Inhibitor from other sources is unknown.	
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].	
Endotoxin Level:	Low Endotoxin : No	

## **Target Details**

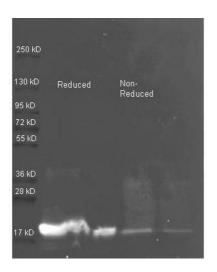
Target:	Trypsin Inhibitor	
Abstract:	Trypsin Inhibitor Products	
Background:	Anti-Trypsin Inhibitor detects trypsin inhibitor from soy bean. Soybean trypsin inhibitor inhibits	
	trypsin and to a lesser extent chymotrypsin and plasmin. Soybean trypsin inhibitor will also	
	inhibit other proteases by a 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. Synonyms: 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	
Gene ID:	547831	
UniProt:	P01070	
Application Details		
Application Notes:	Anti-Trypsin Inhibitor antibody is suitable for western blotting and for capture ELISA.	
	Researchers should determine optimal titers for applications that are not stated below.	
	ELISA Dilution: 1:5.000 - 1:25.000	
	Western Blot Dilution: 1:500 - 1:3.000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	10 mg/mL	
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	
	Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free	
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	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	

the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.

**Expiry Date:** 

Expiration date is one (1) year from date of opening.

### **Images**



#### **Western Blotting**

Image 1. Western Blot of Rabbit anti-Soybean Trypsin Inhibitor antibody. Lane 1: ~1 ug of purified Soybean Trypsin Inhibitor Reduced. Lane 2: 0.25 ug of purified Soybean Trypsin Inhibitor Reduced. Lane 3: ~1 ug of purified Soybean Trypsin Inhibitor Non-reduced. Lane 4: 0.25 ug of purified Soybean Trypsin Inhibitor Non-reduced. Primary antibody: Soybean Trypsin Inhibitor Antibody at 1:5000 for overnight at 4°C. Secondary antibody: Dylight 488 conjugated Streptavidin, 1:5K and Atto 425 conjugated goat anti rabbit, 1:10K at 1.5 hr at RT. Block: ABIN925618 overnight at 4°C. Predicted/Observed size: 24 kDa, 17 kDa for Trypsin. Other band(s): none.