

Datasheet for ABIN1607819

anti-Trypsin Inhibitor antibody (Biotin)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Trypsin Inhibitor
Reactivity:	Lima bean
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Trypsin Inhibitor antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Trypsin Inhibitor [Lima Bean] 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 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-Biotin, anti-Rabbit Serum as well as purified and partially purified Trypsin Inhibitor [Lima Bean].
Endotoxin Level:	Low Endotoxin : No

Target Details

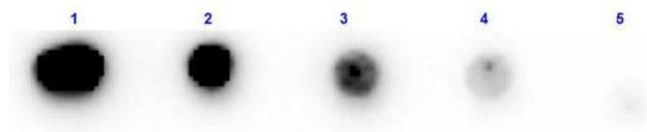
Target:	Trypsin Inhibitor
Abstract:	Trypsin Inhibitor Products
Background:	Synonyms: 25 kDa trypsin inhibitor (Protease inhibitor 15 preproprotein) antibody, CRISP8 antibody, KTi antibody, Kti S antibody, KTi3 antibody, KtiS antibody, Kunitz trypsin inhibitor antibody, Kunitz type trypsin inhibitor A antibody
Gene ID:	547831
UniProt:	P01070

Application Details

Application Notes:	Anti-Trypsin Inhibitor antibody has been assayed against 1.0 µg of Trypsin Inhibitor in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and 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 1:6.000 to 1:26.000 of the reconstitution concentration is suggested for this product. 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 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.
Expiry Date:	Expiration date is one (1) year from date of opening.



Dot Blot

Image 1. Dot Blot results of Rabbit Anti-Trypsin Inhibitor Antibody Biotin Conjugated. Dots are Trypsin Inhibitor at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Blocking: ABIN925618 for 30 min at RT. Primary Antibody: Rabbit Anti-Trypsin Inhibitor Antibody Biotin at 1µg/mL for 1hr at RT. Secondary Antibody: Streptavidin-HRP at 1:40,000 for 30min at RT. Imaged with BioRad ChemiDoc, Chemi filter.