

# Product Datasheet

## Trypsin Inhibitor Antibody [Biotin] **NBP1-77738-0.1mg**

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NBP1-77738-0.1mg**

Trypsin Inhibitor Antibody [Biotin]

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Reconstitution Instructions</b>	Reconstitute with 100 ul deionized water (or equivalent)
<b>Isotype</b>	IgG
<b>Conjugate</b>	Biotin
<b>Purity</b>	Multi-step
<b>Buffer</b>	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

**Product Description**

<b>Description</b>	Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.  This 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]
<b>Host</b>	Rabbit
<b>Gene ID</b>	547831
<b>Gene Symbol</b>	KT13
<b>Species</b>	Plant
<b>Reactivity Notes</b>	Cross reactivity against Trypsin Inhibitor from other tissues and species may occur but have not been specifically determined.
<b>Immunogen</b>	Trypsin Inhibitor [Lima Bean] (Uniprot: P01070)

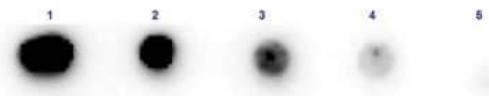
**Product Application Details**

<b>Applications</b>	Western Blot, Dot Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:250, ELISA 1:500-1:2000, Dot Blot
<b>Application Notes</b>	This product has been tested by dot blot and assayed against 1.0 ug of Trypsin Inhibitor in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) 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.

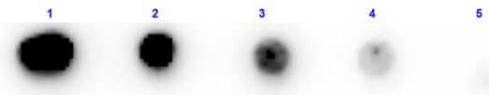


## Images

Dot Blot: Trypsin Inhibitor Antibody [Biotin] [NBP1-77738] - Dot Blot results of Rabbit Trypsin Inhibitor antibody [Biotin]. Dots are Trypsin Inhibitor at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Blocking: 30 min at RT. Primary Antibody: Rabbit Anti-Trypsin Inhibitor Antibody Biotin at 1ug/mL for 1hr at RT. Secondary Antibody: Streptavidin-HRP at 1:40,000 for 30min at RT.



Dot Blot results of Rabbit Trypsin Inhibitor Antibody [Biotin]. Dots are Trypsin Inhibitor at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. blocking for 30 min at RT. Primary Antibody: Rabbit Anti-Trypsin Inhibitor Antibody Biotin at 1ug/mL for 1hr at RT. Secondary Antibody: Streptavidin-HRP





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## Products Related to NBP1-77738-0.1mg

NBP2-29370

Streptavidin Native Protein

NBP2-24891B

Rabbit IgG Isotype Control [Biotin]

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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