

Product Datasheet

Trypsin Inhibitor Antibody - BSA Free NBP2-21629

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP2-21629

Trypsin Inhibitor Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

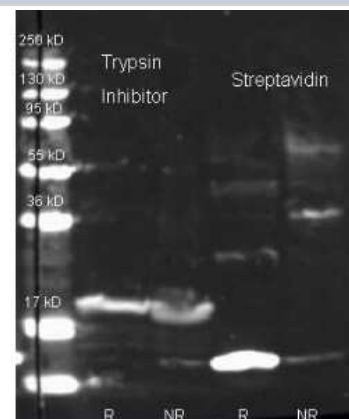
Product Description	
Description	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Trypsin Inhibitor [Soybean] Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. 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.
Host	Rabbit
Gene ID	547831
Gene Symbol	KTI3
Species	Plant
Reactivity Notes	Cross reactivity against Trypsin Inhibitor from other sources may occur but have not been specifically determined.
Specificity/Sensitivity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Trypsin Inhibitor [Soybean]. Cross reactivity against Trypsin Inhibitor from other sources may occur but have not been specifically determined.
Immunogen	Trypsin Inhibitor [Soybean] (Uniprot: P01070)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA 1:5000-1:20000, Immunoprecipitation 1:100
Application Notes	This product has been tested by ELISA and western blot and is assayed against 1.0 ug of Trypsin Inhibitor [Soybean] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:12,000 of the reconstitution concentration is suggested for this product.



Images

Western Blot: Trypsin Inhibitor Antibody [NBP2-21629] - To detect target proteins Trypsin Inhibitor (left) and Streptavidin (right) under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:1000 dilution of primary antibody



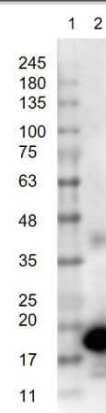
Western Blot: Trypsin Inhibitor Antibody [NBP2-21629] - Rabbit anti Soybean Trypsin Inhibitor antibody was used to detect purified Soybean Trypsin Inhibitor. Samples of ~1 and 0.25 ug of purified Soybean Trypsin Inhibitor per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples of protein contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with Rabbit anti Soybean Trypsin Inhibitor antibody. Primary antibody was detected with Dylight 488 conjugated Streptavidin and Atto 425 conjugated goat anti rabbit and imaged on the VersaDoc imaging system.



Rabbit anti Soybean Trypsin Inhibitor antibody was used to detect purified Soybean Trypsin Inhibitor. Samples of ~1 and 0.25 ug of purified Soybean Trypsin Inhibitor per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples of protein contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with Rabbit anti Soybean Trypsin Inhibitor antibody (200-4679 lot 6594 1:5K in , ON 4 C). Primary antibody was detected with Dylight 488 conjugated Streptavidin (S000-41 Lot 21091, 1:5K) and Atto 425 conjugated goat anti rabbit (lot 26423C 1:10K 1.5 hr RT in) and imaged on the BioRad VersaDoc imaging system.



Western Blot of Trypsin Inhibitor Antibody. Lane 1: Opal PreStained Molecular Weight Marker





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Products Related to NBP2-21629

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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