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Datasheet for 200-4187

Trypsin Inhibitor Antibody

Overview

Description:	Anti-Trypsin Inhibitor (RABBIT) Antibody (BULK ORDER) - 200-4187
Item No.:	200-4187
Size:	50 mg
Reactivity:	Lima Bean
Host Species:	Rabbit

Product Details

Background:	Soy Bean Trypsin Inhibitor is a serine protease inhibitor, an inhibitor of trypsin, therefore preventing the further breakdown of proteins.
Synonyms:	rabbit anti-trypsin inhibitor antibody, 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
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	KTI3
Reactivity:	Lima Bean
Immunogen Type:	Native Protein
Immunogen:	Trypsin Inhibitor [Lima Bean]
Purity/Specificity:	Anti-Trypsin Inhibitor 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 [Lima Bean]. Cross reactivity against Trypsin Inhibitor from other tissues and species may occur but have not been specifically determined.

Relevant Links:	• UniProtKB - P01070 • NCBI - P01070.2 • GeneID - 547831

Application Details

Application Note:	Trypsin Inhibitor antibody has been assayed against 1.0 ug of Trypsin Inhibitor [Lima Bean] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 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 1:4,000 to 1:15,000 of the reconstitution concentration is suggested for this product.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:25,000
WB:	1:500 - 1:3,000

Formulation

Physical State:	Lyophilized
Concentration:	10.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	5.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
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.
Expiration:	Expiration date is one (1) year from date of receipt.

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