

Datasheet for 100-401-139**Trypsin Antibody****Overview**

Description:	Anti-Trypsin (RABBIT) Antibody - 100-401-139
Item No.:	100-401-139
Size:	2 mL
Reactivity:	Bovine
Host Species:	Rabbit

Product Details

Background:	Trypsin is an enzyme found in the intestines that actively catalyzes the hydrolysis of proteins. Produced in the pancreas, trypsin is commonly used in commercial preparation of food, tissue culture laboratories as a re-suspension agent, and various other biotechnology applications as a hydrolyzing agent. Anti-Trypsin Antibody is ideal for investigators in Cell Biology, Microbiology, and Cancer research.
Synonyms:	rabbit anti-Trypsin Antibody, Anionic trypsinogen antibody, Beta trypsin antibody, Brain trypsinogen antibody, Cationic Trypsinogen antibody, Digestive Zymogen antibody, Mesotrypsin antibody, Mesotrypsinogen antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	TRBOTR
Reactivity:	Bovine
Immunogen Type:	Native Protein
Immunogen:	Trypsin [Bovine Pancreas]

Purity/Specificity: Anti-Trypsin Antibody was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Trypsin [Bovine Pancreas]. Cross reactivity against Trypsin from other tissues and species may occur but have not been specifically determined.

Relevant Links:

- [UniProtKB - P00760](#)
- [NCBI - CAA38513.1](#)
- [GeneID - 780933](#)

Application Details

Application Note: Anti-Trypsin Antibody has been assayed against 1.0 ug of Trypsin [Bovine Pancreas] 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 1:1,000 to 1:4,000 of the reconstitution concentration is suggested for Anti-Trypsin Antibody. Findings were obtained using Costar Brand Vinyl Assay Plates #09997011 in NaHCO₃ buffer at pH 8.0.

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

Tissue Data

Tissue Type: Red Blood Cells

Formulation

Physical State: Lyophilized

Concentration: 90 mg/mL by Refractometry

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: 2.0 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.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.