



Anti-TRYPSIN (RABBIT) Antibody - 100-401-139

Code: 100-401-139

Size: 2 mL

Product Description: Anti-TRYPSIN (RABBIT) Antibody - 100-401-139

Concentration: 90 mg/mL by Refractometry

PhysicalState: Lyophilized

Label	Unconjugated
Host	Rabbit
Gene Name	TRBOTR
Species Reactivity	bovine
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
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.
Synonyms	rabbit anti-Trypsin Antibody, Anionic trypsinogen antibody, Beta trypsin antibody, Brain trypsinogen antibody, Cationic Trypsinogen antibody, Digestive Zymogen antibody, Mesotrypsin antibody, Mesotrypsinogen antibody
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 NaHCO ₃ buffer at pH 8.0.
Background	<p>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.</p> <p>Anti-Trypsin Antibody is ideal for investigators in Cell Biology, Microbiology, and Cancer research.</p>
Purity And 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.
Assay Dilutions	User Optimized
ELISA	1:5,000 - 1:25,000
Western Blot	1:500 - 1:3,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Trypsin [Bovine Pancreas]
General Reference	Olsen, Ong, and Mann M. Trypsin cleaves exclusively C-terminal to arginine and lysine residues. Mol Cell Proteomics. 2004 Jun;3 (6): 608-14.
Specific Reference	Latha, Ramakrishnan, Jayaraman, and Babu. Action of trypsin:chymotrypsin (Chymoral forte DS) preparation on acute-phase proteins following burn injury in humans. Burns. 1997 Mar; 23 Suppl 1:S3-7.
Related Products	

FEMTOMAX-110	Chemiluminescent FemtoMax™ Super Sensitive HRP Substrate for Microwell and/or Membrane (2 component system) - FEMTOMAX-110
MB-070	Blocking Buffer for Fluorescent Western Blotting - MB-070
TMBE-100	TMB ELISA PEROXIDASE SUBSTRATE - TMBE-100

Related Links

UniProtKB - P00760

<http://www.uniprot.org/uniprot/P00760>

NCBI - CAA38513.1

<http://www.ncbi.nlm.nih.gov/protein/CAA38513.1>

GeneID - 780933

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