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Datasheet for ABIN1607813
anti-Trypsinogen antibody (Biotin)

1 Image

Overview

Quantity:	100 µg
Target:	Trypsinogen
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Trypsinogen antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Trypsinogen [Bovine Pancreas] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Trypsinogen from other sources may occur but has not been specifically determined.
Purity:	Anti-Trypsinogen 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 Trypsinogen [Bovine Pancreas].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Trypsinogen
Abstract:	Trypsinogen Products
Background:	Trypsinogen is the precursor form or zymogen of the pancreatic enzyme trypsin. It is found in pancreatic juice, along with amylase, lipase, and chymotrypsinogen. It is activated by enteropeptidase, which is found in the intestinal mucosa, to form trypsin. Once activated, the trypsin can activate more trypsinogen into trypsin. Trypsin cleaves the peptide bond on the carboxyl side of basic amino acids such as arginine and lysine. Anti-Trypsinogen antibody is ideal investigator involved in cytokines and growth factor research. Synonyms: Brain trypsinogen antibody, Cationic trypsinogen antibody, Mesotrypsinogen antibody, Pancreatic anionic trypsinogen antibody, Protease, serine, 2 antibody, PRSS2 antibody
Gene ID:	282603
UniProt:	Q29463

Application Details

Application Notes:	Anti-Trypsinogen antibody has been assayed against 1.0 µg of Trypsinogen in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4.000 to 1:20.000 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:5.000 - 1:25.000 Western Blot Dilution: 1:500 - 1:3.000
Restrictions:	For Research Use only

Handling

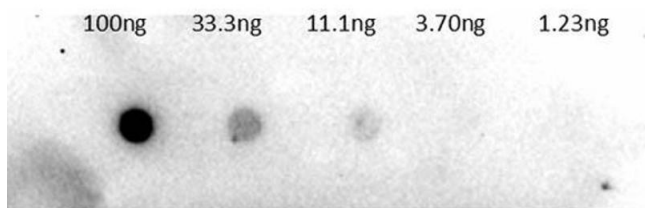
Format:	Liquid
Concentration:	10 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of

Handling

reagent (25 μ L). To minimize loss of volume dilute 1:10 by adding 225 μ L of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.

Expiry Date: Expiration date is one (1) year from date of opening.

Images



Dot Blot

Image 1. Dot Blot of Rabbit Anti-Trypsinogen Antibody Biotin Conjugation. Lane 1: 100ng. Lane 2: 33.3ng. Lane 3: 11.1ng. Lane 4: 3.7ng. Lane 5: 1.23ng. Primary Antibody: Anti-trypsinogen BAC 1 μ g/mL. Secondary Antibody: Streptavidin-HRP 1:40,000. Blocking buffer: BlockOut for 30 min at RT.