

Datasheet for ABIN5596986 anti-WECC antibody (HRP)



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1 Image

Overview

Quantity:	100 µg
Target:	WECC
Reactivity:	Pseudomonas, Bacteria
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This WECC antibody is conjugated to HRP
Application:	ELISA, Immunoprecipitation (IP), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: N-Acyl Mannosamine-1-Dehydrogenase [Recombinant Sequence from Pseudomonas expressed in E.coli] Immunogen Type: Native Protein
Isotype:	IgG
Purification:	N-Acylmannosamine-1-Dehydrogenase 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-Peroxidase, anti-Goat Serum, and purified and partially purified N-Acylmannosamine-1-Dehydrogenase derived from Pseudomonas.

Target Details

Target:	WECC
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Target Details

Alternative Name:	N-Acylmannosamine-1-Dehydrogenase (WECC Products)
Background:	Synonyms: N-acylmannosamine 1-dehydrogenase NAM-DH EC=1.1.1.233 Background: N-Acylmannosamine-1-Dehydrogenase acts on acetyl-D-mannosamine and glycolyl-D-mannosamine. This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD ⁺ or NADP ⁺ as acceptor. Gene Name: NAM-DH
Gene ID:	7614553
UniProt:	P22441

Application Details

Application Notes:	Application Note: Anti-N-Acylmannosamine-1-Dehydrogenase has been assayed against 1.0 µg of N-Acylmannosamine-1-Dehydrogenase IgG in a standard capture ELISA using 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 1:16,000 is suggested for this product. Western Blot Dilution: 1:500 - 1:5,000 Immunoprecipitation Dilution: 1:100 ELISA Dilution: 1:5,000 - 1:20,000
Restrictions:	For Research Use only

Handling

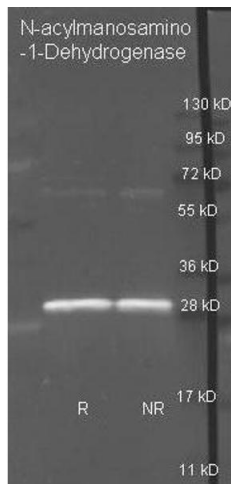
Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 100 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C

Handling

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.

Expiry Date: 12 months

Images



Western Blotting

Image 1. Goat anti N-acylmanosamino-1-Dehydrogenase antibody was used to detect purified N-acylmanosamino-1-Dehydrogenase 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 1:3000 dilution of primary antibody (ON 4 C in ABIN925618). Detection shown was using Dylight 488 conjugated Donkey anti goat (605-741-125 lot 21094 1:10K in TBS/ABIN925618 1 hr RT). Images were collected using the BioRad VersaDoc System.