

Product Datasheet

N-acylmannosamine 1-dehydrogenase Antibody [Biotin] NBP1-77708-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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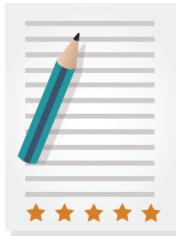
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NBP1-77708-0.1mg

N-acylmannosamine 1-dehydrogenase Antibody [Biotin]

Product Information

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|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | LYOPH mg/ml |
| Storage | Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Sodium Azide |
| Reconstitution Instructions | Reconstitute with 100 ul deionized water (or equivalent) |
| Isotype | IgG |
| Conjugate | Biotin |
| Purity | Multi-step |
| Buffer | Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |

Product Description

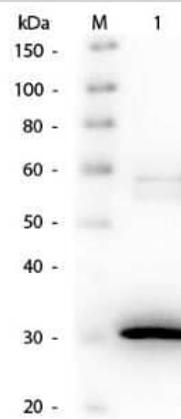
| | |
|-------------------------|--|
| Description | Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. This 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-Goat Serum as well as purified and partially purified N-Acylmannoseamine-1-Dehydrogenase [Recombinant from Pseudomonas] |
| Host | Goat |
| Species | Bacteria |
| Reactivity Notes | Cross reactivity against N-acylmannosamine 1-dehydrogenase from other sources is unknown. |
| Immunogen | N-acylmannosamine 1-dehydrogenase [Recombinant Sequence from Pseudomonas expressed in E.coli] (Uniprot: P22441) |

Product Application Details

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|------------------------------|--|
| Applications | Western Blot, ELISA, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:250-1:1000, ELISA 1:1000-1:5000, Immunoprecipitation 1:100 |
| Application Notes | This product has been tested by western blot and is suitable to be assayed against 1.0 ug of N-Acylmannoseamine-1-Dehydrogenase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenzthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:7,000 to 1:35,000 of the reconstitution concentration is suggested for this product. |

Images

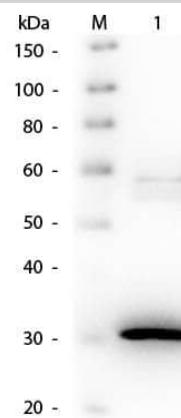
Western Blot: N-acylmannosamine 1-dehydrogenase Antibody [Biotin] [NBP1-77708] - Lane 1: N-Acylmannoseamide 1-Dehydrogenase. Load: 50 ng per lane. Primary antibody: Goat anti-N-Acylmannoseamide 1-Dehydrogenase Antibody Biotin Conjugated 1:1,000 overnight at 4C. Secondary antibody: HRP Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 27.5 kDa, observed at 30 kDa for N-Acylmannoseamide 1-Dehydrogenase.



Western Blot: N-acylmannosamine 1-dehydrogenase Antibody [Biotin] [NBP1-77708] - Goat anti N-acylmannosamino-1-Dehydrogenase antibody was used to detect purified N-acylmannosamino-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. Detection shown was using Dylight 488 conjugated Donkey anti goat 1:10K in TBS 1 hr RT).



Western Blot of Goat anti-N-Acylmannoseamide 1-Dehydrogenase Antibody Biotin Conjugated. Lane 1: N-Acylmannoseamide 1-Dehydrogenase. Load: 50 ng per lane. Primary antibody: Goat anti-N-acylmannosamine 1-dehydrogenase Antibody [Biotin] 1:1,000 overnight at 4C. Secondary antibody: HRP Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block for 30 min at RT. Predicted/Observed size: 27.5 kDa, observed at 30 kDa for N-Acylmannoseamide 1-Dehydrogenase.





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Products Related to NBP1-77708-0.1mg

| | |
|------------|-----------------------------------|
| NBP2-29370 | Streptavidin Native Protein |
| BAF108 | Goat IgG Isotype Control [Biotin] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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