

Product Datasheet

Alpha Amylase Antibody [Biotin] NBP1-77711-0.1mg

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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Updated 10/23/2024 v.20.1

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NBP1-77711-0.1mg

Alpha Amylase Antibody [Biotin]

Product Information	
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

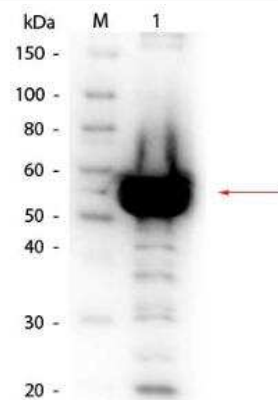
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>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-Rabbit Serum as well as purified and partially purified a-Amylase [<i>B.amyloliquefaciens</i>]</p>
Host	Rabbit
Species	Bacteria
Reactivity Notes	Reactive with Alpha Amylase from <i>Bacillus amyloliquefaciens</i> . Cross reactivity against Alpha Amylase from other tissues and species may occur but have not been specifically determined
Immunogen	Alpha Amylase [<i>Bacillus amyloliquefaciens</i>] (Uniprot: P00692)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:5000, ELISA 1:5000 - 1:20000, Immunoprecipitation 1:100
Application Notes	This product has been tested by western blot and is suitable to be assayed against 1.0 ug of a-Amylase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) 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.

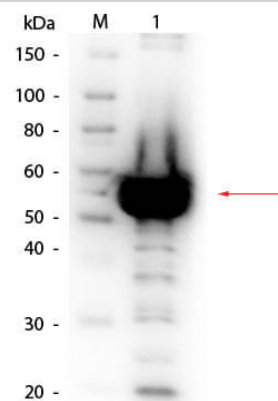


Images

Western Blot: Alpha Amylase Antibody [Biotin] [NBP1-77711] - Lane 1: Alpha Amylase solution. Load: 1/200 dilution of Alpha Amylase solution. Primary antibody: Alpha Amylase antibody at 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: 55 kDa, 55 kDa for Alpha Amylase. Other band (s): proteins within Alpha Amylase solution.



Western Blot of Rabbit anti-Alpha Amylase Antibody Biotin Conjugated. Lane 1: Alpha Amylase solution. Load: 1/200 dilution of Alpha Amylase solution. Primary antibody: Alpha Amylase antibody at 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: 55 kDa, 55 kDa for Alpha Amylase. Other band(s): proteins within Alpha Amylase solution.





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Products Related to NBP1-77711-0.1mg

NBP2-29370	Streptavidin Native Protein
NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
NBP3-24549	Alpha Amylase Activity Assay Kit (Colorimetric)

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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