

Product Datasheet

Sarcosine oxidase Antibody - BSA Free NB600-649-100ug

Unit Size: 100 ug

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

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NB600-649-100ug

Sarcosine oxidase Antibody - BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. 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
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

Description	<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-Goat Serum as well as purified and partially purified Sarcosine Oxidase [Microbial]</p> <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>
Host	Goat
Species	Bacteria
Reactivity Notes	Cross reactivity against Sarcosine oxidase from other sources is unknown.
Specificity/Sensitivity	Cross reactivity against Sarcosine oxidase from other sources is unknown.
Immunogen	Sarcosine oxidase [Microbial] (Uniprot: Q46337)

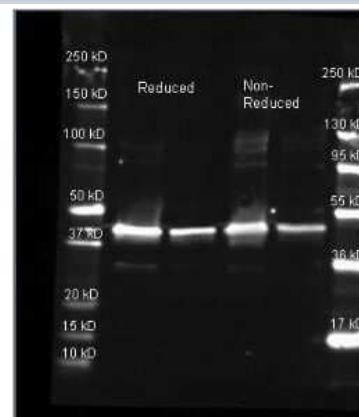
Product Application Details

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 dot blot and western blot and is suitable for ELISA assay against 1.0 ug of Sarcosine Oxidase [Microbial] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Rabbit) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:12,000 of the reconstitution concentration is suggested for this product.

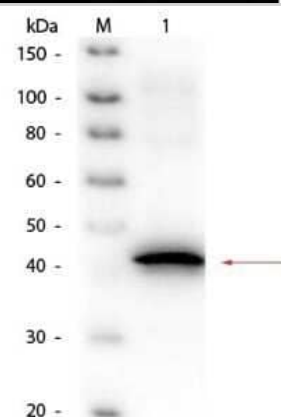


Images

Western Blot: Sarcosine oxidase Antibody [NB600-649] - Detection of Sarcosine Oxidase. Samples of 1 and 0.25 ug of purified Sarcosine Oxidase per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with Goat anti Sarcosine Oxidase. Primary antibody was detected with Dylight 649 conjugated Donkey anti Goat 1:10K 1.5 hr RT in and imaged on the VersaDoc imaging system.



Western Blot: Sarcosine oxidase Antibody [NB600-649] - Analysis using HRP conjugate of NB600-649. Lane 1: Sarcosine Oxidase (Microbial). Load: 50 ng per lane. Primary antibody: Goat anti-Sarcosine Oxidase (Microbial) Antibody Biotin Conjugated 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: 45 kDa, 45 kDa for Sarcosine Oxidase monomeric alpha subunit.





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Products Related to NB600-649-100ug

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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