

Product Datasheet

Bilirubin Oxidase Antibody [Biotin] NBP3-00534

Unit Size: 100 ug

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

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Updated 7/23/2023 v.20.1

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NBP3-00534**Bilirubin Oxidase Antibody [Biotin]**

Product Information	
Unit Size	100 ug
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

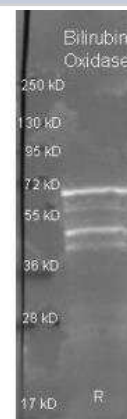
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>Anti-Bilirubin Oxidase 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 listed buffer.</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-Goat Serum as well as purified and partially purified Bilirubin Oxidase [Myrothecium verrucaria]</p>
Host	Goat
Species	Fungi
Reactivity Notes	Cross reactivity against Bilirubin Oxidase from other sources is unknown.
Immunogen	Bilirubin Oxidase [Myrothecium verrucaria] (Uniprot: Q12737)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2500, 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 Bilirubin Oxidase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:3,000 of the reconstitution concentration is suggested for this product.

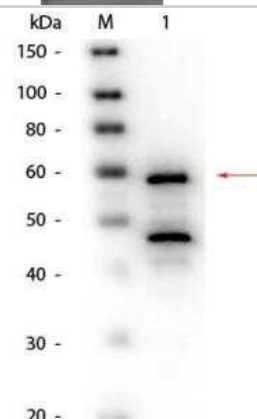


Images

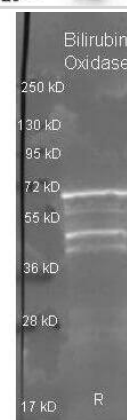
Western Blot: Bilirubin Oxidase Antibody [Biotin] [NBP3-00534] - Analysis of Bilirubin Oxidase under reducing (R) conditions. A samples of 1ug of purified protein contained 4% BME and was boiled for 5 minutes and run by SDS-PAGE on a 4-20% acrylamide gel. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody. Detection shown was using Dylight 488 conjugated Donkey anti goat and Dylight 649 conjugated Donkey anti goat 1 hr RT.



Western Blot: Bilirubin Oxidase Antibody [Biotin] [NBP3-00534] - Lane 1: Bilirubin Oxidase (*Myrothecium verrucaria*). Load: 50 ng per lane. Primary antibody: Bilirubin Oxidase Antibody [Biotin] at 1:1,000 overnight at 4C. Secondary antibody: HRP Streptavidin 1:40,000 in incubated with blocking buffer for 30 min at RT. Block: incubated with blocking buffer for 30 minutes at RT. Predicted/Observed size: 64 kDa, 60 kDa for Bilirubin Oxidase. Other band(s): Bilirubin Oxidase splice variants and isoforms.



Goat anti Bilirubin Oxidase antibody (lot 6533) was used to detect Bilirubin Oxidase under reducing (R) conditions. A samples of ~1ug of purified protein contained 4% BME and was boiled for 5 minutes and run by SDS-PAGE on a 4-20% acrylamide gel. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody (ON 4 C in). Detection shown was using Dylight 488 conjugated Donkey anti goat (lot 21094 1:10K in TBS/ 1 hr RT) and Dylight 649 conjugated Donkey anti goat (lot 20834 1:10K in TBS/ 1 hr RT). Images were collected using the BioRad VersaDoc System





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Products Related to NBP3-00534

BAF108	Goat IgG Isotype Control [Biotin]
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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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