

Product Datasheet

Choline Oxidase Antibody [Biotin] NBP1-77564-0.1mg

Unit Size: 0.1 mg

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

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NBP1-77564-0.1mg

Choline Oxidase Antibody [Biotin]

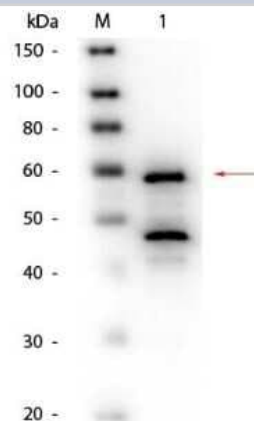
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water.
Isotype	IgG
Conjugate	Biotin
Purity	Ion exchange chromatography
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	This antibody is 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.
Host	Goat
Gene Symbol	CHOX_ALCSP
Species	Bacteria
Reactivity Notes	Reactive with Choline Oxidase from Alcaligenes. Cross-reactivity against Choline Oxidase from other sources is unknown.
Specificity/Sensitivity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum as well as purified and partially purified Choline Oxidase (Alcaligenes species). Cross reactivity against Choline Oxidase from other sources is unknown.
Immunogen	Choline Oxidase Native Protein (Alcaligenes gunus).

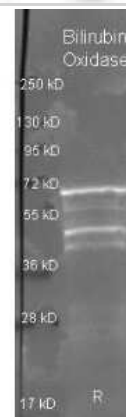
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2500, ELISA 1:1000-1:5000, Immunoprecipitation 1:100
Application Notes	This product has been assayed against 1.0 ug of Bilirubin Oxidase [Myrothecium verrucaria] in a standard capture ELISA using ABTS ELISA PEROXIDASE SUBSTRATE for 30 minutes at room temperature. A working dilution of 1:500 - 1:2,500 of the reconstitution concentration is suggested for this product.

Images

Western Blot: Choline Oxidase Antibody [HRP] [NBP1-77564] - Lane 1: Bilirubin Oxidase (*Myrothecium verrucaria*). Load: 50 ng per lane. Primary antibody: Goat anti-Bilirubin Oxidase (*Myrothecium verrucaria*) Antibody Biotin Conjugated 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.



Western Blot: Choline Oxidase Antibody [HRP] [NBP1-77564] - 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.





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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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