

Product Datasheet

Choline Oxidase Antibody

NB600-866-100ug

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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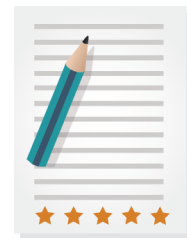
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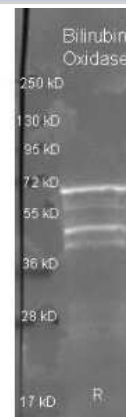
NB600-866-100ug

Choline Oxidase Antibody

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water
Isotype	IgG
Purity	Ion exchange chromatography
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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 - 1:5000, ELISA 1:5000 - 1:20000, Immunoprecipitation 1:100
Application Notes	This product has been assayed against 1.0 ug of Choline Oxidase [Alcaligenes species] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] and ABTS ELISA PEROXIDASE SUBSTRATE for 30 minutes at room temperature. A working dilution of 1:4,000 - 1:22,000 of the reconstitution concentration is suggested for this product.

Images

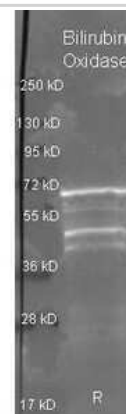
Western Blot: Choline Oxidase Antibody [NB600-866] - Western Blot: Choline Oxidase Antibody [HRP] [NBP1-77564] - Analysis of Bilirubin Oxidase under reducing (R) conditions. A samples of 1ug of purified protein contained 4% BME and was boiled for 5 minutes and run by SDS-PAGE on a 4-20% acrylamide gel. 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. Image using the Biotin form of this antibody.



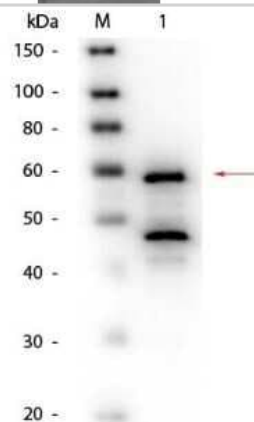
Western Blot: Choline Oxidase Antibody [NB600-866] - Analysis using the Biotin conjugate of NB600-866. Detection of Lane 1: Choline Oxidase (*Alcaligenes* species). Load: 50 ng per lane. Primary antibody: Goat anti-Choline Oxidase (*Alcaligenes* species) Antibody Biotin Conjugated at 1:1,000 overnight at 4C.



Western Blot: Choline Oxidase Antibody [NB600-866] - Analysis using the HRP conjugate of NB600-866. Detection of antibody with 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.



Western Blot: Choline Oxidase Antibody [NB600-866] - Analysis using the HRP conjugate of NB600-866. Detection of 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.



Western Blot: Choline Oxidase Antibody [NB600-866] - Samples of 1 and 0.25 ug of purified Choline Oxidase per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples of purified Choline Oxidase contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with Goat anti Choline Oxidase. Primary antibody was detected with Dylight 649 conjugated Donkey anti Goat (605-743-125 1:10K 1.5 hr RT in and imaged on the BioRad VersaDoc imaging system.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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