

Product Datasheet

Choline Oxidase Antibody [Biotin] NBP1-77705-0.1mg

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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NBP1-77705-0.1mg

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	Delipidation and Defibrination
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

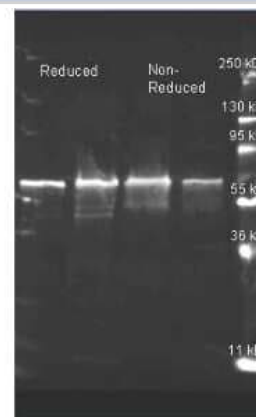
Product Description	
Description	This antibody is purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
Host	Goat
Gene Symbol	CHOX_ALCSP
Species	Bacteria
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 1:500-1:1000, ELISA 1:1000-1:2500, Immunoprecipitation 1:100
Application Notes	This product has been assayed against 1.0 ug of Choline Oxidase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS ELISA PEROXIDASE SUBSTRATE for 30 minutes at room temperature. A working dilution of 1:4,000 - 1:20,000 of the reconstitution concentration is suggested for this product.

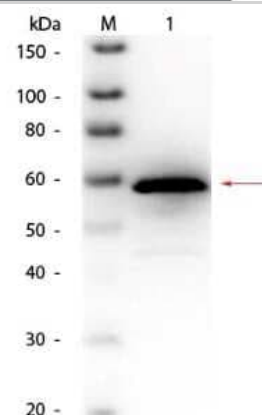


Images

Western Blot: Choline Oxidase Antibody [Biotin] [NBP1-77705] - Detection of Choline Oxidase. 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.



Western Blot: Choline Oxidase Antibody [Biotin] [NBP1-77705] - 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. 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: 60 kDa, 60 kDa for Choline Oxidase





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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