



[Go to Product page](#)

Datasheet for ABIN97251

anti-Cholesterol Oxidase antibody (Biotin)

1 Image

Overview

Quantity:	100 µg
Target:	Cholesterol Oxidase (choS)
Reactivity:	Streptomyces
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Cholesterol Oxidase antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Cholesterol Oxidase [Streptomyces] Immunogen type: Native
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	Cholesterol Oxidase (choS)
Alternative Name:	Cholesterol Oxidase (choS Products)
Gene ID:	1215660
UniProt:	P12676

Application Details

Application Notes:	This product has been assayed against 1.0 µg of Cholesterol 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 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:5,000 - 1:20,000 Immunoprecipitation Dilution: 1:100 Western Blot Dilution: 1:500 - 1:5,000
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	10.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C

Images



Western Blotting

Image 1. Goat anti Cholesterol oxidase antibody (was used to detect purified cholesterol oxidase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified cholesterol oxidase contained 4% BME and were boiled for 5 minutes. Samples of ~1µg of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with a 1:3000 dilution of primary antibody (ON 4 C in MB-070). Detection shown was using Dylight 488 conjugated Donkey anti goat (1:10K in TBS/MB-070 1 hr RT)..