

Datasheet for ABIN5596798  
**anti-PIPOX antibody (HRP)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	PIPOX
Reactivity:	Microbial
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PIPOX antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Immunogen:	Immunogen: Sarcosine Oxidase [Microbial] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Sarcosine Oxidase from other sources is unknown.
Purification:	Anti-Sarcosine 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 buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified Sarcosine Oxidase [Microbial].

## Target Details

Target:	PIPOX
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## Target Details

Alternative Name:	Sarcosine Oxidase ( <a href="#">PIPOX Products</a> )
Background:	<p>Synonyms: Sarcosine oxidase subunit alpha Sarcosine oxidase subunit EC=1.5.3.1</p> <p>Background: Sarcosine oxidase is an enzyme that catalyzes the oxidative demethylation of sarcosine to yield glycine, hydrogen peroxide, and 5,10-methylenetetrahydrofolate in a reaction requiring H4-tetrahydrofolate and oxygen.</p> <p>Gene Name: SOXA</p>
Gene ID:	10586229
UniProt:	<a href="#">Q46337</a>

## Application Details

Application Notes:	<p>Application Note: Anti-Sarcosine Oxidase has been assayed against 1.0 µg of Sarcosine Oxidase [Microbial] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 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.</p> <p>Western Blot Dilution: 1:500 - 1:1,000</p> <p>Immunoprecipitation Dilution: 1:100</p> <p>ELISA Dilution: 1:1,000 - 1:2,500</p>
Restrictions:	For Research Use only

## Handling

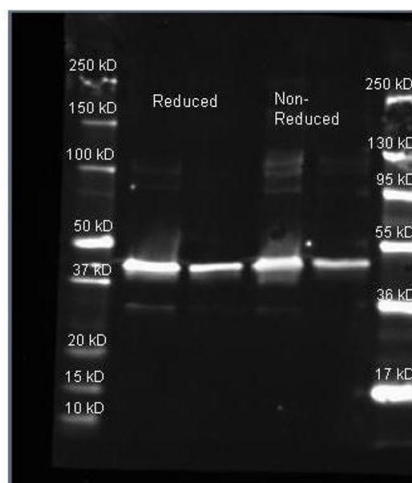
Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 100 µL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p>
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

## Handling

**Storage Comment:** Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Expiry Date:** 12 months

## Images



### Western Blotting

**Image 1.** Goat anti Sarcosine Oxidase antibody was used to detect Sarcosine Oxidase. Samples of ~1 and 0.25 ug of purified Sarcosine Oxidase per lane were run by SDS-PAGE under reducing and non-reducing conditions and reduced samples contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with Goat anti Sarcosine Oxidase (200-101-093 lot 5951 1:5K in MB-0070, ON 4 C). Primary antibody was detected with Dylight 649 conjugated Donkey anti Goat (605-743-125 1:10K 1.5 hr RT in ABIN925618 and imaged on the BioRad VersaDoc imaging system.