

Datasheet for ABIN7565841
anti-SOXA antibody (HRP)



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Overview

Quantity:	25 µL
Target:	SOXA
Reactivity:	Microbial
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SOXA antibody is conjugated to HRP
Application:	ELISA, Immunoprecipitation (IP), Western Blotting (WB)

Product Details

Purpose:	Sarcosine Oxidase Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Sarcosine Oxidase [Microbial] Immunogen Type: Native Protein
Cross-Reactivity (Details):	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].
Characteristics:	Synonyms: goat anti-Sarcosine Oxidase Antibody, HRP Conjugated goat anti-Sarcosine Oxidase Antibody, Sarcosine oxidase subunit alpha, Sarcosine oxidase subunit
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.
Sterility:	Sterile filtered

Target Details

Target:	SOXA
Alternative Name:	soxA (SOXA Products)
Background:	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.
Gene ID:	10586229
NCBI Accession:	YP_004446819
UniProt:	Q46337

Application Details

Application Notes:	Application Note: Anti-Sarcosine Oxidase has been tested by ELISA and western blot and is 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. Western Blot Dilution: 1:500 - 1:1,000 Immunoprecipitation Dilution: 1:100 ELISA Dilution: 1:1,000 - 1:2,500 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
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:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at

Handling

the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Expiry Date: 12 months