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Datasheet for ABIN5596765

**anti-Fructosyl Amino Acid Oxidase antibody (HRP)**

## Overview

Quantity:	100 µg
Target:	Fructosyl Amino Acid Oxidase (socD)
Reactivity:	Corynebacterium
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Fructosyl Amino Acid Oxidase antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

## Product Details

Immunogen:	Immunogen: Fructosyl-Amino Acid Oxidase [from Corynebacterium sp. Expressed in E.coli] Immunogen Type: Recombinant Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Fructosyl-Amino Acid Oxidase from other sources is unknown.
Purification:	Fructosyl-amino acid 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-Sheep Serum as well as purified and partially purified Fructosyl-Amino Acid Oxidase [E.coli].

## Target Details

Target:	Fructosyl Amino Acid Oxidase (socD)
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## Target Details

Alternative Name:	Fructosyl-Amino Acid Oxidase ( <a href="#">socD Products</a> )
Background:	<p>Synonyms: Fructosyl-amino acid oxidase EMBL BAB91123.1 EC=1.5.3</p> <p>Background: Fructosyl-amino acid oxidase catalyzed the oxidation of fructosyl-amino acids to produce glucosone, hydrogen peroxide and amino acid. An enzyme that can be used for the determination of glycated proteins in blood.</p> <p>Gene Name: faoxC</p>
UniProt:	<a href="#">Q8RIU8</a>

## Application Details

Application Notes:	<p>Application Note: Anti-Fructosyl-amino acid oxidase has been assayed against 1.0 µg of Fructosyl-Amino Acid Oxidase [E.coli] 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 - 1:5,000</p> <p>Immunoprecipitation Dilution: 1:100</p> <p>ELISA Dilution: 1:5,000 - 1:20,000</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
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C

## Handling

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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.

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Expiry Date: 12 months