Datasheet for ABIN1607845

anti-Fructosyl Amino Acid Oxidase antibody (Biotin)

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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 Biotin
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

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.
Purity:	Anti-Fructosyl-Amino Acid Oxidase Antibody 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-Biotin, anti-Sheep Serum as well as purified and partially purified Fructosyl Amino Acid Oxidase [E.coli].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Fructosyl Amino Acid Oxidase (socD)
Alternative Name:	Fructosyl-Amino Acid Oxidase (socD Products)
Background:	Anti-Fructosyl-Amino Acid Oxidase antibody catalyzes the oxidative deglycation of fructosyl amino acids to produce the corresponding amino acid, glucosone, and hydrogen peroxide. Anti-Fructosyl-Amino Acid Oxidase antibodies are ideal for researchers interested in Metabolism and Signal Transduction research. Synonyms: Fructosyl-amino acid oxidase EMBL BAB91123.1 EC=1.5.3
UniProt:	Q8RIU8

Application Details

Application Notes:	Anti-Fructosyl-Amino Acid Oxidase Antibody has been assayed against 1.0 µg of Fructosyl Amino Acid Oxidase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and 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 1:8.000 to 1:34.000 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:5.000 - 1:20.000 IF Immunoprecipitation Dilution: 1:100 Western Blot Dilution: 1:500 - 1:5.000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	10 mg/mL
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
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
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 the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.

Handling

Expiry Date:	Expiration date is one (1) year from date of opening.