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Datasheet for ABIN99448
anti-Fructosyl Amino Acid Oxidase antibody

Overview

Quantity:	100 µg
Target:	Fructosyl Amino Acid Oxidase (socD)
Reactivity:	Corynebacterium
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Fructosyl Amino Acid Oxidase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

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 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-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:	Synonyms: Fructosyl-amino acid oxidase EMBL BAB91123.1 EC=1.5.3
UniProt:	Q8RIU8

Application Details

Application Notes:	<p>FRUCTOSYL-AMINO ACID OXIDASE antibody has been assayed against 1.0 µg of Fructosyl-Amino Acid Oxidase [E.coli] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Sheep IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2.000 to 1:8.000 of the reconstitution concentration is suggested for this product.</p> <p>ELISA Dilution: 1:5.000 - 1:20.000</p> <p>Immunohistochemistry Dilution: 1:100</p> <p>Western Blot Dilution: 1:500 - 1:5.000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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.
Expiry Date:	Expiration date is one (1) year from date of opening.