

Product datasheet for **TA397096S**

faoxC Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	WB: 1:500 - 1:5,000 ELISA: 1:5,000 - 1:20,000
Reactivity:	Corynebacterium sp
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Fructosyl-Amino Acid Oxidase [from Corynebacterium sp. Expressed in E.coli]
Specificity:	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]. Cross reactivity against Fructosyl Amino Acid Oxidase from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Biotin
Storage:	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. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	Q8RIU8
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.



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Synonyms: sheep anti-Fructosyl-Amino Acid Oxidase biotin conjugated Antibody, biotin conjugated sheep anti-Fructosyl-Amino Acid Oxidase Antibody

Note: 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.