

Anti-FRUCTOSYL-AMINO ACID OXIDASE (E.coli) (SHEEP) Antibody - 100-601-236
Code: 100-601-236

Size: 2 mL

Product Description: Anti-FRUCTOSYL-AMINO ACID OXIDASE (E.coli) (SHEEP) Antibody - 100-601-236

Concentration: 90 mg/mL by Refractometry

PhysicalState: Lyophilized

Label	Unconjugated
Host	Sheep
Gene Name	faoxC
Species Reactivity	Corynebacterium sp
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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.
Synonyms	sheep anti-Fructosyl-Amino Acid Oxidase Antibody, Fructosyl-amino acid oxidase
Application Note	This product has been assayed against 1.0 µg of Fructosyl-Amino Acid Oxidase [E.coli] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Sheep IgG [H&L] (Rabbit) code #613-4302 and (ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.
Background	Fructosyl amino acid oxidase is a flavoprotein that catalyzes the oxidation of fructosyl amino acids to form glucosone, amino acid and hydrogen peroxide. Anti-Fructosyl-amino acid oxidase can be useful for researchers interested in diabetes research.
Purity And Specificity	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-sheep serum, purified and partially purified Fructosyl-Amino Acid Oxidase [E.coli]. Cross reactivity against Fructosyl-Amino Acid Oxidase from other sources is unknown.
Assay Dilutions	User Optimized
ELISA	1:5,000 - 1:20,000
Western Blot	1:500 - 1:5,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Fructosyl-Amino Acid Oxidase [from Corynebacterium sp. Expressed in E.coli]
Related Products	

200-401-385 Anti-MALTOSE BINDING PROTEIN (MBP) EPITOPE TAG (RABBIT) Antibody - 200-401-385

610-4302 Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302

611-1302 Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302

B304 NORMAL GOAT SERUM (NGS) - B304

Related Links

UniProtKB - Q8RIU8

<http://www.uniprot.org/uniprot/Q8RIU8>

NCBI -
BAB91123.1

<http://www.ncbi.nlm.nih.gov/protein/BAB91123.1>

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