

Product datasheet for **TA396989S**

AAO Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	WB: 1:500 - 1:5,000 ELISA: 1:3,000 - 1:10,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Ascorbate Oxidase [cucurbita]
Specificity:	Ascorbate 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-Rabbit Serum and purified and partially purified Ascorbate Oxidase [cucurbita]. Cross reactivity against Ascorbate 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:	HRP
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:	<u>P24792</u>
Background:	Ascorbate Oxidase belongs to the family of oxidoreductases, specifically those acting on diphenols and related substances as donor with oxygen as acceptor. The systematic name of this enzyme class is L-ascorbate:oxygen oxidoreductase.
Synonyms:	rabbit anti-Ascorbate Oxidase Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Ascorbate Oxidase Antibody, L-ascorbate oxidase, Ascorbase, ASO



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Note: Anti-Ascorbate Oxidase Peroxidase Conjugated Antibody has been tested by ELISA and western blot. This product is assayed against 1.0 ug of Alkaline Phosphatase [Calf Intestine] 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 1:2,000 to 1:11,000 of the reconstitution concentration is suggested for this product.