

## Product datasheet for **TA397035**

### AAO Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	<b>WB:</b> 1:500 - 1:5,000 <b>ELISA:</b> 1:2,500 - 1:15,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Ascorbate Oxidase [cucurbita]
Specificity:	Anti-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-Biotin, anti-Rabbit Serum as well as purified and partially purified Ascorbate Oxidase [cucurbita]. Cross reactivity against Ascorbate Oxidase from other sources may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Method:	Restore with deionized water (or equivalent) - Reconstitution Volume: 100 µL
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Biotin
Storage:	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.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<u><a href="#">P24792</a></u>
Background:	Anti-Ascorbate Oxidase antibody is cytoplasmic and performs binding with copper ions. Anti-Ascorbate Oxidase belongs to the multicopper oxidase family and may be a factor in the redox system involving ascorbic acid, acting as a catalyst. Found prevalently in plants, Ascorbate Oxidase has been suggested to increase plant growth. Anti-Ascorbate Oxidase antibody is ideal for researchers interested in the investigation of Cell Biology.



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- Synonyms:** rabbit anti-Ascorbate Oxidase Antibody biotin Conjugation, biotin conjugated rabbit anti-Ascorbate Oxidase Antibody, L-ascorbate oxidase, Ascorbase, ASO
- Note:** Anti-Ascorbate Oxidase Biotin Conjugated Antibody has been tested by ELISA and western blot. This product is assayed against 1.0 ug of Ascorbate 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 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product.