

R1058**Polyclonal Antibody to L-ascorbate oxidase - Serum**

Alternate names:	AAO
Quantity:	2 ml
Concentration:	85.0 mg/ml (by Refractometry)
Uniprot ID:	P24792
NCBI:	3661
Host:	Rabbit
Immunogen:	Ascorbate Oxidase [cucurbita].
Format:	State: Lyophilized purified Ig fraction. Purification: Prepared from monospecific antiserum by a delipidation and defibrination. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Preservatives: 0.01% Sodium Azide Stabilizers: None Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoprecipitation and most immunological methods requiring high titer and specificity. Recommended Dilutions: This product has been assayed against 1.0 ug of Ascorbate Oxidase [cucurbita] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:23,000 of the reconstitution concentration is suggested for this product. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Ascorbate Oxidase [cucurbita]. Cross reactivity against Ascorbate Oxidase from other tissues and species may occur but have not been specifically determined.
Storage:	Store vial at 2-8°C prior to restoration. Centrifuge product if not completely clear after standing at room temperature. For extended storage aliquot contents and freeze at -20°C or below. This product is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid cycles of freezing and thawing. Shelf life: One year from despatch.