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**Anti-Conjugated Ascorbic Acid  
RAT POLYCLONAL**

**Catalog Number:** AB-T151  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol.  
**Host:** Rat  
**Isotype:** IgG  
**Immunogen:** synthetic Ascorbic Acid conjugated to bovine serum albumin

**Specificity and Preparation:**

Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated Ascorbic Acid (vitamin C).

Using a conjugate Ascorbic Acid-Protein Carrier (BSA), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

<b>COMPOUND</b>	<b>CROSS REACTIVITY §</b>
Ascorbic acid-BSA	1
Dihydroascorbic acid-BSA	1
D-isoascorbic acid-BSA	1/2,000

BSA = Bovine Serum Albumin

§ Ascorbic acid-BSA concentration/conjugated compound concentration at half displacement.

**Usage and Storage:**

Applications include ELISA (1/2,000-1/5,000). Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**Available Control(s):** Corresponding antigen.

**To view protocol(s) for this product please visit:** [www.ATSBio.com/catalog/protocols](http://www.ATSBio.com/catalog/protocols)