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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). **This antibody does not recognize free ascorbic acid.**

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

COMPOUND	CROSS REACTIVITY §
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): Ascorbic acid-BSA

To view protocol(s) for this and other products please visit: www.ATSBio.com/protocols