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**Anti-Conjugated 1,3 Butadiene
RABBIT POLYCLONAL**

Catalog Number: AB-T102
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol.
Host: Rabbit
Immunogen: synthetic 1,3 Butadiene conjugated to bovine serum albumin or other protein

Specificity and Preparation:

Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation.

This antibody targets conjugated 1,3 Butadiene.

Using a conjugate 1,3 Butadiene-Protein Carrier (BSA), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
Butadiene-BSA	1
Acrolein-BSA	1/20,000
Formaldehyde-BSA	1/>50,000
Malondialdehyde-BSA	1/>50,000
Butanoic acid-BSA	1/>50,000
Propionic acid-BSA	1/>50,000

BSA = Bovine Serum Albumin

§ 1,3-Butadiene-BSA concentration/conjugated close structure concentration at half displacement.

Usage and Storage:

Applications include ELISA (1/5,000-1/10,000). 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